

Pig CD Marker Antibodies H Dawson 609

5/2009		Summarized by Dr. Harry Dawson, DGIL, BHNRC, ARS USDA		<a href="mailto:Harry.Dawson@ars.usda.gov">Harry.Dawson@ars.usda.gov</a>
CD	Gene Symbol	Full Alternate Names	Antibodies	Non- Reactive Antibodies
CD1	NA	CD1 antigen		
CD1A	CD1A	CD1A antigen, a polypeptide, CD1.1	Clone: 76-7-4 ((Hybridoma)) ATCC # HB-140; Research Diagnostics #RDI-PGCD1-74; Southern Biotech # 4500-01; VMRD # 76-7-4)	
CD1B	CD1B	CD1A antigen, b polypeptide	Clone MT-101 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=903&amp;ID2=2">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=903&amp;ID2=2</a> )	
CD1C	CD1C	CD1D antigen, c polypeptide		
CD1D	CD1D	CD1D antigen, d polypeptide		
CD1E	CD1E	CD1A antigen, e polypeptide		
CD2	CD2	CD2 antigen (p50), sheep red blood cell receptor; Lymphocyte-function antigen-2 (LFA-2); T11; Ly-37; SRBC-R	Clone MAC80 (PMID# 7531904, Accurate # YSRMCA1155) Clone MAC83 (Accurate #YSRTMCA1156; Serotect # MCA1156) Clone 1038h-8-31 (BD # 553637) Clone MSA4 (VMRD # MSA4) Clone PG168A (VMRD # PG168A) Clone RPA-2.10 (Biolegend # 300201) Clone G42-211	
CD3D	CD3D	CD3D antigen, delta polypeptide (TIT3 complex)		
CD3E	CD3E	CD3E antigen; epsilon polypeptide (TIT3 complex)	Clone PPT3 (Southern Biotech # 4510-01) Clone BB23-8E6-8C8 (BD # 559582; VMRD # 8C8) Clone 2B3C (VMRD # 2B3C) Clone BB23-8-E6 (VMRD # 8E6, Southern Biotech # 4511-01) Clone CD3-12 (Serotec # MCA1477T)	
CD3G	CD3G	CD3G antigen, gamma polypeptide (TIT3 complex)		
CD4	CD4	CD4 antigen (p55)	Clone 74-12-4 (ATCC (Hybrisoma) # HB-147; BD # 553638; VMRD # 74-12-4) Clone MIL17 (Accurate # YSRMCA1749; Serotec # MCA1749) Clone IL-A11 (VMRD # IL-A11) Clone PT90A (VMRD # PT90A)	
CD5	CD5	CD5 antigen (p56-62)	Clone b53b7 (PMID: 9589566, BD # 551541); Clone 9G12 (VMRD # 9G12); Clone PG114A (VMRD # PG114A); Clone 1H6/8 (Serotec # MCA2307); Clone 6A233 (US Biological # C2255-85H)	Clone B29A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=245&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=245&amp;ID2=8</a> ) Clone BAGB145A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=705&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=705&amp;ID2=8</a> ) Clone BAQ93A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=247&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=247&amp;ID2=8</a> ) Clone BL1A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=913&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=913&amp;ID2=8</a> ) Clone CACT105A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=248&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=248&amp;ID2=8</a> ) Clone CC17 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=189&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=189&amp;ID2=8</a> ) Clone DH13A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=712&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=712&amp;ID2=8</a> ) Clone DH3B ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=711&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=711&amp;ID2=8</a> ) Clone GR60A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=706&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=706&amp;ID2=8</a> ) Clone HB19A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=710&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=710&amp;ID2=8</a> ) Clone HT23A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=710&amp;ID2=8">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=710&amp;ID2=8</a> )

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CD6	CD6	CD6 antigen; Tp120	Clone a38b2 ((FCM, IHC, IP) PMID: 9589567, BD Pharmingen # 551507); Clone MIL8 ((FC, IHC) PMID: 9589567, Serotec # MCA1221); Clone PG90A ((FC) VMRD # PG90A) Clone CACT141A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=193&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=193&amp;ID2=9</a> ) Clone LH43A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=255&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=255&amp;ID2=9</a> )	Clone BAQ82A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=254&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=254&amp;ID2=9</a> ) Clone BAQ83A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=191&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=191&amp;ID2=9</a> ) Clone LT10A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=257&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=257&amp;ID2=9</a> ) Clone MEM-98 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=914&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=914&amp;ID2=9</a> ) Clone BAQ91A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=192&amp;ID2=9">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=192&amp;ID2=9</a> )
CD7	CD7	CD7 antigen precursor; p41 protein; T-cell antigen CD7 precursor; T-cell leukemia antigen		Clone 3A1E-12H7 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=918&amp;ID2=10">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=918&amp;ID2=10</a> ) Clone 8H8.1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=917&amp;ID2=10">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=917&amp;ID2=10</a> ) Clone CBC.37 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=919&amp;ID2=10">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=919&amp;ID2=10</a> ) Clone LT7 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=915&amp;ID2=10">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=915&amp;ID2=10</a> ) Clone YTH30.15 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=916&amp;ID2=10">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=916&amp;ID2=10</a> )
CD8A	CD8A	CD8 antigen, alpha polypeptide (p32)	Clone STH101 ((FC) PMID: 9589568); Clone 76-2-11 (FC, IHC-F, IP) BD Pharmingen # 553639, VMRD # 76-2-11, Southern Biotech # 4511-01) Clone PT81B ((FC) VMRD # PT81B) Clone PT36B ((FC) VMRD # PT36B) Clone MIL12 (FC, IHC) Serotec # MCA1223) Clone 3H463 ((FC, IHC) US Biological # C2259-27J) Clone PG164A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=197&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=197&amp;ID2=11</a> )	Clone 73/6.9.1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=740&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=740&amp;ID2=11</a> ) Clone 7C2B ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=200&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=200&amp;ID2=11</a> ) Clone BAQ111A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=194&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=194&amp;ID2=11</a> ) Clone BAT82A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=195&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=195&amp;ID2=11</a> ) Clone CACT80C ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=196&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=196&amp;ID2=11</a> ) Clone CACT88A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=197&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=197&amp;ID2=11</a> ) Clone ST8 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=198&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=198&amp;ID2=11</a> ) Clone TH82A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=199&amp;ID2=11">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=199&amp;ID2=11</a> )
CD8B1	CD8B1	CD8 antigen, beta polypeptide 1 (p37); Lyt-3	Clone 295/33-25 (PMID # 7531908, BD # 552769) Clone PG164A (VMRD # PG164A)	Clone RH1A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=204&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=204&amp;ID2=12</a> ) Clone B18A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=201&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=201&amp;ID2=12</a> ) Clone P1/33/2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=921&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=921&amp;ID2=12</a> ) Clone TH2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=258&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=258&amp;ID2=12</a> ) Clone BAQ86A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=202&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=202&amp;ID2=12</a> )
CD9	CD9	CD9 antigen (p24)	Clone MM2/57 (Serotec # MCA469GA) Clone LT86A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=203&amp;ID2=12">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=203&amp;ID2=12</a> )	

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CD10	MME	Membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10); NEP; membrane metallo-endopeptidase; neprilysin	ELISA (PMID 1832857)	Clone ALB1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=923&amp;ID2=13">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=923&amp;ID2=13</a> ) Clone J5 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=924&amp;ID2=13">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=924&amp;ID2=13</a> ) Clone SN5c ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=922&amp;ID2=13">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=922&amp;ID2=13</a> )
CD11a	ITGAL	Integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)	Clone BL2F1 BD # 551508) Clone BL1H8 (Serotec # MCA2308) Clone MUC76A (VMRD # MUC76A)	Clone 25.3.1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=926&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=926&amp;ID2=14</a> ) Clone 38 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=925&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=925&amp;ID2=14</a> ) Clone BAQ11A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=205&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=205&amp;ID2=14</a> ) Clone HUH73A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=206&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=206&amp;ID2=14</a> ) Clone LND73A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=207&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=207&amp;ID2=14</a> ) Clone LT35 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=208&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=208&amp;ID2=14</a> ) Clone LT48A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=209&amp;ID2=14">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=209&amp;ID2=14</a> )
CD11b	ITGAM	Integrin; alpha M (complement component receptor 3; alpha; also known as CD11b (p170); macrophage antigen alpha polypeptide); wCD11R1		
CD11c	ITGAX	Integrin, alpha X (antigen CD11C (p150), alpha polypeptide); wCD11R2		Clone BAQ153A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=218&amp;ID2=16">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=218&amp;ID2=16</a> ) Clone LT93A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=219&amp;ID2=16">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=219&amp;ID2=16</a> )
CD11d	ITGAD	Integrin, alpha D; CD11d; Leukointegrin alpha D		
wCD11R1		CD11b	Clone TGM6-5 Clone MIL4 Clone ICRF44 (Biolegend # 301311) Clone CA16.3E10 (Serotec # MCA1777S)	Clone BAQ147A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=216&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=216&amp;ID2=15</a> ) Clone BEAR1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=927&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=927&amp;ID2=15</a> ) Clone CAM13A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=217&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=217&amp;ID2=15</a> ) Clone ICRF44 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=24&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=24&amp;ID2=15</a> ) Clone LND51A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=211&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=211&amp;ID2=15</a> ) Clone LND77A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=212&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=212&amp;ID2=15</a> ) Clone LND88A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=213&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=213&amp;ID2=15</a> ) Clone MM10A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=214&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=214&amp;ID2=15</a> ) Clone MM12A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=215&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=215&amp;ID2=15</a> ) Clone MM13A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=260&amp;ID2=15">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=260&amp;ID2=15</a> )

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wCD11R2	CD11c	Clone LeuM5 (PMID # 2481234, Antigenix # APG122-0.12mg) Clone S-HCL-3 (BD # 340713; PMID: 15606796)	
wCD11R3	CD11d	Clone 2F4/11 (BD # 552291; Serotec # MCA 2309) Clone CA16.3D3 (Serotec # MCA2039S)	
CDw12	CDW12	CDw12 antigen; p90-120	
CD13	ANPEP	Alanyl (membrane) aminopeptidase (aminopeptidase N; aminopeptidase M; microsomal aminopeptidase; p150); Membrane alanyl-aminopeptidase (mAAP)	Polyclonal (PMID # 7912983); Clone G43 (PMID # 7933108)
CD14	CD14	CD14 Antigen	Clone TUK4 ((FC) DAKO # M0825; Serotec # MCA1568) Clone MY4 ((FC) PMID # 7526441, PMID # 11445221) Clone MIL2 ((FC, IHC) Accurate # OBT4298; Serotec # MCA1218) Clone CAM36A ((FC) VMRD # CAM36A) Clone biG10 Clone MEM-18 ((FC) AbD Serotec # MCA2185) Clone M-M9 ((FC) VMRD # CAM36A) Clone M5E2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=28&amp;ID2=19">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=28&amp;ID2=19</a> )
CD16	FCGR3B	Fc fragment of IgG, low affinity IIIb, receptor; CD16; G7	Clone G7 (PMID # 7923391; Serotec # MCA1971) Clone LNK16
CD17		Lactosylceramide (carbohydrate)	
CD18	ITGB2	Integrin; beta 2 antigen; CD18; p95; lymphocyte function-associated antigen 1 (LFA-1, LFA1); macrophage antigen 1 (mac-1) beta subunit)	Clone BA3H2 (PMID 11081760) Clone PNK-I ((FC, IP) PMID: 7531911, BD Biosciences Pharmingen # 551306, Serotec # MCA1972S) Clone H20A (VMRD # H20A) Clone BAQ30A (VMRD # BAQ30A) Clone CA1.4E9 ((FC) Serotec # MCA1780) Clone 6.7 ((FC) BD # 555922) Clone 3H1065 ((FC, IP, N) US Biological # C2269-20) Clone TS1/18 ((B, FC) Biolegend # 302112) Clone HUH82A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=225&amp;ID2=25">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=225&amp;ID2=25</a> ) Clone MHM23 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=931&amp;ID2=25">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=931&amp;ID2=25</a> ) Clone 7 e4 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=930&amp;ID2=25">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=930&amp;ID2=25</a> ) Clone BAT75A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=224&amp;ID2=25">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=224&amp;ID2=25</a> ) Clone CLB-LFA-1/1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=932&amp;ID2=25">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=932&amp;ID2=25</a> )
CD19	CD19	B-lymphocyte antigen; B4	Clone B-D3 (PMID # 15261465, Diaclone # 854.782.010)
CD20	MS4A1	Membrane-spanning 4-domains, subfamily A, member 1, CD20	Clone MEM-97 (ExBio # 11-217-C100) Clone 2H7 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=36&amp;ID2=27">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=36&amp;ID2=27</a> ) Clone B-Ly1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=934&amp;ID2=27">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=934&amp;ID2=27</a> ) Clone L26 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=474&amp;ID2=27">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=474&amp;ID2=27</a> )

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CD21	CR2	Complement component (3d/Epstein Barr virus) receptor 2; CD21	Clone IAH-CC51 ((FC) ECACC (Hybridoma); Clone C35, Clone B-ly4 ((FC) PMID: 7856057, BD Biosciences Pharmingen # 555421); Clone BB6-11C9 (FC) VMRD # BB6-11C9, Southern Biotech # 4550-01) Clone LT21 (Exbio # 11-306-C100)	Clone BAQ15A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=226&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=226&amp;ID2=28</a> ) Clone BL13 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=936&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=936&amp;ID2=28</a> ) Clone F46A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=747&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=747&amp;ID2=28</a> ) Clone GB25A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=227&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=227&amp;ID2=28</a> ) Clone LB21 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=935&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=935&amp;ID2=28</a> ) Clone LCT21A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=228&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=228&amp;ID2=28</a> ) Clone LCT28A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=261&amp;ID2=28">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=261&amp;ID2=28</a> )
CD22	CD22	CD22 antigen; SIGLEC-2	Clone RFB-4 ((WB); PMID 17673300; Serotec # MCA553)	
CD23A	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23A)		
CD24	CD24	CD24 antigen (small cell lung carcinoma cluster 4 antigen); B cell heat stable antigen (HSA), Nectadrin; BS-1		
CD25	IL2RA		1 Clone K231.3B2 (PMID # 11445225, Serotec # MCA1736) Clone PGBL25A (VMRD # PGBL25A) Clone 6E2/12 (PMID: 11445225)	Clone B1.49.9 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=941&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=941&amp;ID2=32</a> ) Clone CACT108A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=750&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=750&amp;ID2=32</a> ) Clone CACT116A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=229&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=229&amp;ID2=32</a> ) Clone CACT260A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=232&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=232&amp;ID2=32</a> ) Clone GB112A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=231&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=231&amp;ID2=32</a> ) Clone LCTB2A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=230&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=230&amp;ID2=32</a> ) Clone (M-A251 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=41&amp;ID2=32">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=41&amp;ID2=32</a> )
CD26	DPP4	Dipeptidylpeptidase 4 (CD26, adenosine deaminase complexing protein 2); ADABP	Polyclonal (PMID # 11173530)	Clone CACT114A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=233&amp;ID2=33">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=233&amp;ID2=33</a> ) Clone CLB-22C3 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=942&amp;ID2=33">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=942&amp;ID2=33</a> ) Clone M-A261 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=42&amp;ID2=33">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=42&amp;ID2=33</a> )
CD27	TNFRSF7	Tumor necrosis factor receptor superfamily, member 7; CD27 antigen; T cell activation antigen CD27; T cell activation antigen S152; CD27L receptor; CD70 ligand; Tp55; T14	Polyclonal (Calbiochem # 217584) Monoclonal (H. Dawson, unpublished)	Clone LT27 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=479&amp;ID2=34">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=479&amp;ID2=34</a> ) Clone M-T271 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=43&amp;ID2=34">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=43&amp;ID2=34</a> )
CD28	CD28	CD28 antigen (Tp44)		Clone YTH913.12 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=943&amp;ID2=35">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=943&amp;ID2=35</a> ) Clone 28.2 (H. Dawson, unpublished) Clone 37.51 (H. Dawson,

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CD29	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	Clone NaM160-1A3 (PMID # 9507737, BD # 552369) Clone UCP1D2 (PMID # 10233679) Clone FW4-101 (VMRD # FW4-101) Clone MEM-101A (BioVendor Laboratory Medicine # RE11219C100); Polyclonal (Chemicon International # AB1952)	
CD30	TNFRSF8	Tumor necrosis factor receptor superfamily, member 8; CD30		Clone Ber-H2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=948&amp;ID2=37">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=948&amp;ID2=37</a> )
CD31	PECAM1	Platelet/endothelial cell adhesion molecule (CD31 antigen)	Clone LCI-4 (PMID # 10515388, Accurate # YSRMCA1746; Serotec # MCA1746) Clone LCI-9 (PMID # 10515388; Accurate #; YSRMCA1747; Serotec # MCA1747) Clone TLD-3A12 (BD #555025)	
CD32	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor for (CD32)	Clone AT-10 ((FC) reacts with FCGR2A/FCGR2B; PMID: 16021600; Serotec # MCA1075)	Clone 2E1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=950&amp;ID2=39">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=950&amp;ID2=39</a> ) Clone AT10 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=485&amp;ID2=39">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=485&amp;ID2=39</a> ) Clone KB61 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=951&amp;ID2=39">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=951&amp;ID2=39</a> )
CD32	FCGR2B	Fc fragment of IgG, low affinity IIb, receptor for (CD32)	Clone AT-10 ((FC) reacts with FCGR2A/FCGR2B; PMID: 16021600; Serotec # MCA1075)	
CD32	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for (CD32)		
CD33	CD33	CD33 antigen (gp67); SIGLEC-3; p67		
CD34	CD34	CD34 antigen	Clone SwCD34 ((FC) PMID: 17198886)	
CD35	CR1	Complement component (3b/4b) receptor 1; including Knops blood group system; CD35; Complement component (3b/4b) receptor 1 isoform F precursor; complement component (3b/4b) receptor 1 isoform S		
CD36	CD36	CD36 antigen [collagen type I receptor, thrombospondin receptor]; PAS-4; fatty acid translocase (FAT); GP4, glycoprotein IIIb (GPIIIb, GP3B); GPIV, PASIV, scavenger receptor class B, member 3 (SCARB3)	Clone CB38 (PMID # 14582138, Research Diagnostics # RDI-CD36NL07)	
CD37	CD37	CD37 antigen		
CD38	CD38	CD38 antigen (p45); CD38 antigen (p45); ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase	Polyclonal (PMID # 9623778)	
CD39	ENTPD1	Ectonucleoside triphosphate diphosphohydrolase 1; ATPDase, NTPDase-1; Lymphoid cell activation antigen; CD39; HIM80	Clone 4D11 (PMID #10836986) Clone 1H12 (PMID #10836986) Clone Tu66 (Pharmingen Catalog # 555464)	Clone A1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=486&amp;ID2=46">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=486&amp;ID2=46</a> )
CD40	TNFRSF5	Tumor necrosis factor receptor superfamily, member 5, CD40	Polyclonal ((WB) Calbiochem # ST1096; Clone G28.5 (PMID: 12829914, BD Pharmingen # 553879); Clone STH224 (PMID # 11445219)	Clone HB14 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=958&amp;ID2=47">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=958&amp;ID2=47</a> ) Clone MAB89 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=957&amp;ID2=47">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=957&amp;ID2=47</a> )
CD41	ITGA2B	Integrin; alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex; antigen CD41b)	Clone HIP8 (PMID # 14582138) Clone MM2/356 (Serotec)	Clone 5B12 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=960&amp;ID2=49">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=960&amp;ID2=49</a> ) Clone CAPP2A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=235&amp;ID2=49">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=235&amp;ID2=49</a> )
CD42a	GP9	Glycoprotein IX (platelet); CD42		Clone GRP-P ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=961&amp;ID2=50">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=961&amp;ID2=50</a> )
CD42b	GP1BA	Glycoprotein Ib (platelet), alpha polypeptide; CD42b; BSS		
CD42c	GP1BB	Glycoprotein Ib (platelet), beta polypeptide; CD42c		
CD42d	GP5	Glycoprotein V (platelet); CD42d		

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CD43	SPN	Sialophorin (gpL115); Leukosialin; CD43	Polyclonal (PMID # 10233680)	Clone DFT-1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=963&amp;ID2=54">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=963&amp;ID2=54</a> )
CD44	CD44	CD44 antigen (homing function and Indian blood group system); CD44 antigen (homing function); IN, INLU, MC56, MDU2, MDU3, MIC4, Pgp1, CD44R; Phagocytic glycoprotein I (PGP-1); HUTCH-I; Extracellular matrix receptor-III (ECMR-III); GP90 lymphocyte homing/adhesion receptor; Hermes antigen; Hyaluronate receptor	Clone BAG40A ((FC) VMRD # BAG40A) Clone PORC24A ((FC) VMRD # PORC24A ) Clone BAT31A ((FC, IHC) VMRD # BAT31A) Clone MAC329 ((IHC, FC, IP ,P) Serotec # MCA1449) Clone GB34A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=241&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=241&amp;ID2=55</a> ) Clone GB50A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=242&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=242&amp;ID2=55</a> ) Clone H22A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=964&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=964&amp;ID2=55</a> ) Clone LT36A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=243&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=243&amp;ID2=55</a> ) Clone LT41A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=244&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=244&amp;ID2=55</a> ) Clone 25.32 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=490&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=490&amp;ID2=55</a> ) Clone CACTB40A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=238&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=238&amp;ID2=55</a> ) Clone IM7 ((FC) Abcam # ab19629, BD # 553131) Clone DF1485 ((IHC-F, IHC-P) Invitrogen # 08-0184)	Clone CACTB45A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=239&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=239&amp;ID2=55</a> ) Clone DF1485 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=965&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=965&amp;ID2=55</a> ) Clone F10-44-2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=491&amp;ID2=55">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=491&amp;ID2=55</a> )
CD45	PTPRC	Protein tyrosine phosphatase, receptor type, C, CD45, LCA, B220	CD45 Clone K252-1E4 (Research Diagnostics # RDI-PIGCD45-E4; Serotec # MCA1222); Clone MAC323 (Research Diagnostics # RDI-PIGCD45-23); Clone 3H1386 (US Biological # C2399-08M); Clone2A5 (PMID 9220588, BD # 552292);	
CD45RA	PTPRC	Protein tyrosine phosphatase, receptor type, C, CD45, LCA, B220	Clone MIL13 (Research Diagnostics # RDI-PIGCD45R-13, Serotec # MCA1751); Clone 3C3/9 (Antigenix # APG451S, BD # 552546)	
CD45RC	PTPRC	Protein tyrosine phosphatase, receptor type, C, CD45, LCA, B220	Clone 3H1439 (US Biological # C2400-59F); Clone MIL5 (Research Diagnostics # RDI-PIGCD45RC-5, Serotec # MCA1750); Clone 3a56 (BD # 551536)	
CD46	MCP	Membrane cofactor protein (CD46; trophoblast-lymphocyte cross-reactive antigen)	Clone JM6C11 (BD # 552293, Serotec # MCA2262) Clone 6D8/8 (Serotec # MCA2262)	
CD47	CD47	CD47 antigen (Rh-related antigen, integrin-associated signal transducer); antigen identified by monoclonal antibody 1D8; integrin-associated protein (IAP)	Clone BRIC126 ((IHC, FC ,IP ,WB) PMID: 12153520; Serotec # MCA911); Clone MEM-122 (BioVendor Laboratory Medicine # RE11225C100; Exbio # 11-225-C100); Clone TH17A ((FC) VMRD # TH17A) Clone HUH71A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=976&amp;ID2=62">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=976&amp;ID2=62</a> )	Clone GC62A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=890&amp;ID2=62">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=890&amp;ID2=62</a> ) Clone HUH69A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=975&amp;ID2=62">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=975&amp;ID2=62</a> )
CD48	CD48	CD48 antigen (B-cell membrane protein); B-cell membrane protein 1 (BCM1), BLAST, hCD48, mCD48, BLAST1, SLAMF2, MEM-102		
CD49A	ITGA1	Integrin; alpha subunit; Very late activation protein 1 (VLA1); CD49a; laminin and collagen receptor	Polyclonal (Chemicon International # AB1934)	

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CD49B	ITGA2	Integrin; alpha 2 (CD49B; alpha 2 subunit of VLA-2 receptor)	Polyclonal (Chemicon International ID # AB1944)	Clone 16B4 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=977&amp;ID2=65">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=977&amp;ID2=65</a> )
CD49C	ITGA3	Integrin; alpha 3 (antigen CD49C; alpha 3 subunit of VLA-3 receptor); transcript variant a	Polyclonal (Chemcon # AB1920)	Clone 17C6 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=978&amp;ID2=66">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=978&amp;ID2=66</a> )
CD49D	ITGA4	Integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	Clone L25 (PMID: 9589576); Clone HP2/1 ((IHC, FC, IP) Serotec # MCA697) ITGA4/ITGB1 Clone PG4 ((FC) PMID: 17635614) ITGA4/ITGB7 Clone ACT-1 ((FC) PMID: 17635614) Clone 5D5 Clone FW3-218 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=277&amp;ID2=67">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=277&amp;ID2=67</a> )	Clone 9F10 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=81&amp;ID2=67">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=81&amp;ID2=67</a> ) Clone HP2/1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=517&amp;ID2=67">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=517&amp;ID2=67</a> ) Clone P4G9 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=979&amp;ID2=67">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=979&amp;ID2=67</a> )
CD49E	ITGA5	Integrin, alpha 5 (fibronectin receptor, alpha polypeptide); CD49E; VLA-a5	Polyclonal (Chemicon International # AB1928); Clone JBS5 (Accurate # YSRTMCA1187) Clone VC5 ((FC) BD Biosciences Pharmingen # 555650) Clone HA5 ((FC, IP) Millipore # MAB1999) Clone SAM-1	Clone JBS5 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=519&amp;ID2=68">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=519&amp;ID2=68</a> )
CD49F	ITGA6	Integrin, alpha 6, CD49F	Clone NKI-GoH3 ((FC, IHC, IP) Serotec # MCA699) Clone JM2F12 (PMID: 11445225) Clone 4F10 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=520&amp;ID2=69">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=520&amp;ID2=69</a> )	Clone BQ16 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=980&amp;ID2=69">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=980&amp;ID2=69</a> )
CD50	ICAM3	Intercellular adhesion molecule 3, CD50	Clone HP2/19 (PMID # 9589576)	Clone ICAM3.3 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=981&amp;ID2=70">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=981&amp;ID2=70</a> ) Clone KS128 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=982&amp;ID2=70">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=982&amp;ID2=70</a> )
CD51	ITGAV	Integrin; alpha V (vitronectin receptor; alpha polypeptide; antigen CD51); MSK8; VNRA	Polyclonal (Chemcon # AB1930) Clone LM609 (Chemcon # MAB1976)	
CDW52	CDW52	CDW52 antigen (CAMPATH-1 antigen)		Clone YTH66.9HL ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=524&amp;ID2=73">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=524&amp;ID2=73</a> )
CD53	CD53	CD53 antigen; leukocyte surface antigen CD53; antigen MOX44 identified by monoclonal antibody MRC-OX44; CD53 glycoprotein; cell surface antigen; transmembrane glycoprotein; CD53 tetraspan antigen		
CD54	ICAM1	Intercellular adhesion molecule 1, CD54, major group rhinovirus receptor (HRV)	Clone 1.9C7 (PMID # 10972213) Clone 15.2 (Serotec # MCA1615T)	
CD55	DAF	Decay accelerating factor for complement (CD55, Cromer blood group system)	Clone MBC-PD1 (PMID # 10946283) Clone MBC-PD2 (PMID # 10946283) Clone MBC-PD3 (PMID # 10946283)	Clone 67 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=983&amp;ID2=76">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=983&amp;ID2=76</a> )
CD56	NCAM1	Neural cell adhesion molecule 1, CD56	Clone ERIC1 (Chemicon International # CBL159, Serotec # MCA591); Clone MEM-188 (BioVendor Laboratory Medicine # RE11231C100; Biologend # 304602); Clone 74-5H7 ((IP, IHC, WB) Covance Research Products, Inc # MMS-172R-500)	Clone B159 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=89&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=89&amp;ID2=77</a> ) Clone C5.9 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=986&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=986&amp;ID2=77</a> ) Clone ERIC-1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=527&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=527&amp;ID2=77</a> ) Clone MOC-1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=984&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=984&amp;ID2=77</a> ) Clone NK1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=987&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=987&amp;ID2=77</a> ) Clone T199 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=985&amp;ID2=77">http://www.vetmed.wsu.edu/tkp/CDAREact.aspx?ID=985&amp;ID2=77</a> )
CD57				

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CD58	CD58	CD58 antigen, (lymphocyte function-associated antigen 3); LFA3	Clone MEM-63 (PMID: 15114100; Serotec #MCA2126XZ; Exbio # 11-232-C100) Clone 15.2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=525&amp;ID2=75">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=525&amp;ID2=75</a> )	
CD59	CD59	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344); MIC11; MIN1; MIN2; MIN3; MSK21, Protectin; Ly-6-like protein; Membrane attack complex inhibition factor (MACIF); MAC-inhibitory protein (MAC-IP)	Clone MEM-129 (Accurate # YM2086; Exbio # 10-388-C100); Clone MEL-1 (PMID # 9824510); Clone MEL-2 (PMID # 9824510); Clone MEL-3 (PMID # 9824510) Clone MUC93A ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=988&amp;ID2=80">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=988&amp;ID2=80</a> )	Clone 67 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=983&amp;ID2=76">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=983&amp;ID2=76</a> )
CD60a				
CD60b				
CD60c				
CD61	ITGB3	Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	Clone JM2E5 (PMID: 11962738, Serotec # MCA2263) Polyclonal (Chemicon International # AB1932)	
CD62E	SELE	Selectin E (endothelial adhesion molecule 1); CD62E; E-selectin; Endothelial leukocyte adhesion molecule I (ELAM1)	CD62E Clone 4D10  CD62E/P Clone 1.2B6 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=605&amp;ID2=479">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=605&amp;ID2=479</a> )	
CD62L	SELL	Selectin L; lymphocyte adhesion molecule 1; CD62L; LECAM-1; Leukocyte adhesion molecule-1 (Lym-1); Leu-8 antigen; peripheral lymph node (pln) homing receptor	Clone LAM1-3 (PMID: 17635614) Clone SK-11 Clone J4-81 Clone MHL2	
CD62P	SELP	Selectin P, CD62P; Granule membrane protein 140 (GMP-140)	Clone SwPsel.1.9 (PMID # 14592730) Clone AK4 (PMID # 14582138) Clone 12C5 (PMID # 10706724)	
CD63	CD63	CD63 antigen (melanoma 1 antigen)		
CD64	FCGR1A	Fc fragment of IgG; high affinity Ia; receptor for (CD64); Fc-gR; CD64A		Clone 10.1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=100&amp;ID2=87">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=100&amp;ID2=87</a> ) Clone 22 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=993&amp;ID2=87">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=993&amp;ID2=87</a> )
CD65				
CD65a				
CD66A	CEACAM1	Carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); BGP, BGP1, BGPI, CD66, CD66A, CD66a		
CD66B	CEACAM8	Carcinoembryonic antigen-related cell adhesion molecule 8; CD67; CGM6; CD66b; NCA-95		
CD66C	CEACAM6	Carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen); CD66C; CEAL; NCA		
CD66D	CEACAM3	Carcinoembryonic antigen-related cell adhesion molecule 3; CEA; Carcinoembryonic antigen gene family member 1 (CGM1); CD66D		
CD66E	CEACAM5	Carcinoembryonic antigen-related cell adhesion molecule 5; CD66E		
CD66F	PSG1	Pregnancy specific beta-1-glycoprotein 1; B1G1; CD66f; DHFRP2; PBG1; PSBG1; PSG IIA-d; PSGGA; PSGIIA-a; PSGIIA-b; PSGIIA-c; SP1		
CD68	CD68	CD68 antigen; Macrophage antigen CD68 (microsialin); Macrosialin; Scavenger receptor class D, member 1 (SCARD1)	Clone EBM11 (PMID: 8053129, DakoCytomation # CD68) Clone Y1/82A (PMID: 11328373 ebioscience Product # 14-0689)	

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CD69	CD69	p60, early T-cell activation antigen		Clone FN50 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=103&amp;ID2=95">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=103&amp;ID2=95</a> ) Clone TP1.55.3 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=995&amp;ID2=95">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=995&amp;ID2=95</a> )
CD70	TNFSF7	Tumor necrosis factor (ligand) superfamily, member 7, CD70, CD27L; Ki-24 antigen	Clone HNE.51 (Dako # M7185)	
CD71	TFRC	Transferrin receptor (p90, CD71)	Clone T56/14 (Novus Biologicals # ab19810 PMID: 1428719)	Clone DF1513 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=997&amp;ID2=97">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=997&amp;ID2=97</a> )
CD72	CD72	CD72 antigen; LYB2		Clone 3F3 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=998&amp;ID2=98">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=998&amp;ID2=98</a> )
CD73	NT5E	5'-nucleotidase, ecto (CD73)		
CD74	CD74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); HLA-DR-gamma; DHLAG, HLADG, Ia-Gamma	Clone CerCLIP.1 (Abcam # ab22606)	Clone LN2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=107&amp;ID2=100">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=107&amp;ID2=100</a> )
CDw75	SIAT1	Sialyltransferase 1 (beta-galactoside alpha-2,6-sialyltransferase); CD75; CDw75	Clone LN-1 (Serotec # MCA1481; Antigenix # APG750)	
CDw76				
CD77				
CD78				
CD79A	CD79A	CD79A antigen (immunoglobulin-associated alpha); CD79a antigen; Ig alpha; immunoglobulin-associated alpha; MB-1	Clone HM-57 (PMID # 15261465); HM47/A9 (Accurate # BMDV10100)	
CD79B	CD79B	CD79B antigen (immunoglobulin-associated beta); B-cell-specific glycoprotein B29	Clone AT107-2 (Serotec # MCA2209)	Clone ZL9-2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=999&amp;ID2=106">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=999&amp;ID2=106</a> )
CD80	CD80	CD28 antigen ligand 1, B7-1 antigen; BB-1	Clone BB1 (PMID #12829914, Serotec # MCA1132F) Clone 16-10A1 (PMID # 12811250)	Clone 2D10.4 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1002&amp;ID2=107">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1002&amp;ID2=107</a> ) Clone MAB104 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1001&amp;ID2=107">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1001&amp;ID2=107</a> ) Clone MEM-233 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1000&amp;ID2=107">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1000&amp;ID2=107</a> )
CD81	CD81	Protein CD81 antigen; target of antiproliferative antibody 1; 26 kDa cell surface protein TAPA-1; S5.7	Clone JS-81 (PMID: 17692929)	Clone 1D6 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=542&amp;ID2=108">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=542&amp;ID2=108</a> )
CD82	KAI1	Kangai 1 (suppression of tumorigenicity 6; prostate; CD82 antigen (R2 leukocyte antigen; antigen detected by monoclonal and antibody IA4)); 4F9; C33; GR15; IA4; R2; SAR2; ST6		
CD83	CD83	CD83 antigen (activated B lymphocytes; immunoglobulin superfamily)		
CD84	CD84	CD84 antigen (leukocyte antigen); LY9B; SLAMF5; MAX.3		
CD85A	LILRB3	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3, CD85A		
CD85B	ILT8	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 6 (LILRB6); CD85B; ILT8		
CD85C	LILRB5	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5; LIR8, CD85C, LIR-8		
CD85D	LILRB2	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2; ILT4, LIR2, CD85D, LIR-2, MIR10, MIR-10		

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CD85E	LILRA3	Leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3; HM31, HM43, ILT6, Leukocyte immunoglobulin-like receptor 4 (LIR4), CD85E, LIR-4		
CD85F	LIR9	Leukocyte Ig-like receptor 9; CD85F, ILT11, LILRB7		
CD85G	ILT7	Leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 4; LILRA4; CD85G		
CD85H	LILRA2	Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2; ILT1, leukocyte immunoglobulin-like receptor 7 (LIR7), CD85H, LIR-7		
CD85I	LILRA1	Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1; leukocyte immunoglobulin-like receptor 6 (LIR6), CD85I, LIR-6		
CD85J	LILRB1	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1; CD85, ILT2, LIR1, MIR7, CD85J, LIR-1, MIR-7		
CD85K	LILRB4	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4; HM18, ILT3, LIR5, CD85K, LIR-5; Monocyte Inhibitory Receptor		
CD85L	ILT9	Leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member6, pseudogene		
CD85M	ILT10	Leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 5; LILRA5; Immunoglobulin-like transcript 10 ; CD85M		
CD86	CD86	CD28 antigen ligand 2, B7-2 antigen, B70; FUN-1; BU63	Clone HA5.2B7 (Coulter #HA5.2B7, PMID 12829914)	Clone BU63 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1005&amp;ID2=113">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1005&amp;ID2=113</a> )
CD87	PLAUR	Plasminogen activator; urokinase receptor; CD87; Monocyte activation antigen (Mo3); Urokinase plasminogen activator surface receptor (uPAR); URKR		
CD88	C5R1	Complement component 5 receptor 1 (C5a ligand), CD88		
CD89	FCAR	Fc fragment of IgA, receptor for; CD89; * FcalphaRI		
CD90	THY1	Thy-1 co-transcribed (LOC94105); CD90	Clone 5E10 (BD # 550402)	Clone DH24A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=768&amp;ID2=117">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=768&amp;ID2=117</a> ) Clone DH2A ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=767&amp;ID2=117">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=767&amp;ID2=117</a> ) Clone F15-42-1 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=549&amp;ID2=117">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=549&amp;ID2=117</a> ) Clone F15.42 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1007&amp;ID2=117">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1007&amp;ID2=117</a> )
CD91	LRP1	Low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor); CD91; A2MR	Clone A2MR-2 (Dako # M7148)	
CD92	SLC44A1	Solute carrier family 44, member 1; DW92 antigen; Choline transporter-like protein 1 (CHTL1); CTL1	Clone VIM15 (Research Diagnostics # RDI-CDw92VIM15)	
CD93	C1QR1	Complement component 1, q subcomponent; CD93; Lymphocyte antigen 68 (Ly68)	Clone VIMD2 (PMID # 9589576)	

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CD94	KLRD1	Killer cell lectin-like receptor subfamily D, member 1; CD94		Clone HP-3D9 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=123&amp;ID2=121">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=123&amp;ID2=121</a> )
CD95	TNFRSF6	Tumor necrosis factor receptor superfamily, member 6; CD95; Fas; APO-1	Clone DX2 (BD # 555671, Biologend # 305601) Clone DX3 (PMID: 15963826)	
CD96	CD96	CD96 antigen; T cell activation, increased late expression (TACTILE)		
CD97	CD97	CD97 antigen; TM7LN1; CD55L		
CD98	SLC3A2	Solute carrier family 3 (activators of dibasic and neutral amino acid transport); member 2; CD98; 4f2; Antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43; 4F2HC; 4T2HC; MDU1; NACAE		
CD99	CD99	CD99 antigen; MIC2; MIC2X; MIC2Y		
CD100	SEMA4D	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D, CD100		
CD101	IGSF2	Immunoglobulin superfamily, member 2; V7; CD101		
CD102	ICAM2	Intercellular adhesion molecule 2, CD102; LFA-1 ligand	Clone CBR-IC2/2 (Kumagai-Braesch, M. et al 1995)	
CD103	ITGAE	Integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)		Clone Ber-ACT8 (H. Dawson, unpublished) Clone M290 (H. Dawson, unpublished) Clone LF61 (H. Dawson,
CD104	ITGB4	Integrin beta 4, CD104		Clone 450-9D ( <a href="http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1014&amp;ID2=132">http://www.vetmed.wsu.edu/tkp/CDARreact.aspx?ID=1014&amp;ID2=132</a> )
CD105	ENG	Endoglin (Osler-Rendu-Weber syndrome 1); CD105	Clone MEM-226 (Biologend # 312401)	
CD106	VCAM1	Vascular cell adhesion molecule 1; CD106	Clone 2A2 (PMID # 8525525) Clone 3F4 (PMID # 8525525) Clone 5D11 (PMID # 8525525) Clone G11B1 (Accurate # YSRTMCA907F) Clone 10.2C7 (PMID # 10706724)	
CD107A	LAMP1	Lysosomal-associated membrane protein 1; CD107A; LAMPA; LGP120	Clone 4E9/11 (Serotec # MCA2315)	
CD107B	LAMP2	Lysosomal-associated membrane protein 2; CD107B; LAMPB		
CDw108	SEMA7A	Sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A; CD108, CDw108, H-SEMA-K1, H-Sema K1, H-Sema-L, SEMAK1, SEMAL		
CD109	CD109A	CD109 antigen (Gov platelet alloantigens)		
CD110	MPL	Myeloproliferative leukemia virus oncogene; CD110; TPO-R		
CD111	PVRL1	Poliovirus receptor-related 1 (herpesvirus entry mediator C; nectin); CD111; CLPED1; Ectodermal dysplasia 4 (Margarita Island type ED4); HlgR; Herpesvirus entry mediator C (HVEC); PRR; PRR1; PVRR; PVRR1; SK-12; Nectin-1	Clone CK6 (PMID: 11277703) Clone CK7 (PMID: 11277703) Clone CK8 (PMID: 11277703) Clone CK41 (PMID: 11277703) Clone R1.302 (PMID: 11277703)	
CD112	PVRL2	Poliovirus receptor-related 2 (herpesvirus entry mediator B); CD112; HVEB; PRR2; PVRR2		
CD113	PVRL3	Poliovirus receptor-related 3; Nectin 3; CDw113		
CD114	CSF3R	Colony stimulating factor 3 receptor (granulocyte), CD114		

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CD115	CSF1R	Colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog; CD115; C-FMS; CSFR; FIM2; MS		
CDw116	CSF2RA	Colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage), CDw116, GM-SCFRa		
CD117	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog (KIT); CD117	Clone 2B8 (Serotec # MCA1365)	
CD118	LIFR	Leukemia inhibitory factor receptor; CD118; LIFR beta		
CD119	IFNGR1	Interferon gamma receptor 1		Clone BB1E2 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=1015&amp;ID2=148">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=1015&amp;ID2=148</a> )
CD120A	TNFRSF1A	Tumor necrosis factor receptor superfamily, member 1A; TNFR p55; CD120A; TNFRI	Polyclonal ((WB, IP, IHC) US Biological # T9161-06G, Abcam # ab19139, GeneTex # GTX19139) Monoclonal (PMID: 11513085)	Clone H398 ( <a href="http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=555&amp;ID2=149">http://www.vetmed.wsu.edu/tkp/CDARect.aspx?ID=555&amp;ID2=149</a> )
CD120B	TNFRSF1B	Tumor necrosis factor receptor superfamily, member 1B; TNFR p75; TNFR p80; CD120B; TNFR2; TNFR2	(PMID: 11513085) Clone 22221.311 (PMID: 17889214; R & D Systems # MAB226)	
CD121A	IL1R1	Interleukin 1 receptor, type I (IL1R1), CD121a; ILR1A		
CDw121	IL1R2	Interleukin 1 receptor, type II (IL1R2), CDw121b; IL1RB		
CD122	IL2RB	Interleukin 2 receptor, beta, CD122; P70-75		
CD123	IL3RA	Interleukin 3 receptor, alpha (low affinity), CD123		
CD124	IL4R	Interleukin 4 receptor, CD124		
CD125	IL5RA	Interleukin 5 receptor, alpha, CDw125		
CD126	IL6R	Interleukin 6 receptor, CD126		
CD127	IL7R	Interleukin 7 receptor, CD127		Clone SB/199 (H. Dawson, unpublished)
CD128				
CD129				
CD130	IL6ST	Interleukin 6 signal transducer (gp130, oncostatin M receptor); CD130	Polyclonal ((WB) PMID: 17380037)	
CD131	CSF2RB	Colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage); IL3RB; CDw131; IL5RB		
CD132	IL2RG	Interleukin 2 receptor, gamma (severe combined immunodeficiency), CD132, gamma common chain		
CD133	PROM1	Prominin 1; hProminin; hematopoietic stem cell antigen; prominin (mouse)-like 1; prominin-like 1; AC133; CD133; MSTP061, PROML1		
CD134	TNFRSF4	Tumor necrosis factor receptor superfamily, member 4 precursor; tax-transcriptionally activated glycoprotein 1 receptor; CD134 antigen; ATC35 antigen; OX40 antigen; OX40 homologue; lymphoid activation antigen ACT35; OX40 cell surface antigen		
CD135	FLT3	Fms-related tyrosine kinase 3; Flk-2; STK-1; CD135	Polyclonal ((WB) Santa Cruz # sc-480; PMID: 11470859)	
CD136	MST1R	Macrophage stimulating 1 receptor (c-met-related tyrosine kinase); CDW136; CD136; Recepteur d'origine nantais (RON); Stem cell-derived tyrosine kinase		

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CD137	TNFRSF9	Tumor necrosis factor receptor superfamily, member 9, ILA, 4-1BB, CD137		
CD138	SDC1	Syndecan, CD138; SDC; SYND1	(PMID 11302427)	
CD139	CD139			
CD140A	PDGFRA	Platelet-derived growth factor receptor; alpha polypeptide; CD140a		
CD140B	PDGFRB	Platelet-derived growth factor receptor, beta polypeptide; CD140B		
CD141	THBD	Thrombomodulin; CD141; THRM; TM; Fetomodulin; Blood dendritic cell antigen 3 (BDCA-3)	Clone Phx-01 ((WB, FC, IHC) Abcam # ab24595, Covance Research s # MMS-176P-500); Clone Phx-02 ((WB, FC, IHC) Abcam # ab24598, Covance Research s # MMS-178P-500)	
CD142	F3	Coagulation factor III (thromboplastin, tissue factor); CD142; TF		
CD143	ACE	Angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; CD143; angiotensin I converting enzyme; angiotensin converting enzyme, somatic isoform; carboxypeptidase; dipeptidyl carboxypeptidase 1 (DCP1); kinase II; peptidase P; peptidyl-dipeptidase A; testicular ECA	Clone 3A5 ((ELISA, IHC, WB)) Chemicon International # MAB4052, Serotec # MCA2054 Clone 2E2 (ELISA, IHC, WB) (Serotec # MCA2056)	
CD144	CDH5	Cadherin 5, type 2, VE-cadherin (vascular epithelium); CD144	Clone I23 (Serotec # MCA1748)	
CDw145				
CD146	MCAM	Melanoma adhesion molecule, CD146; MUC18; ENDO		
CD147	BSG	Basigin (OK blood group), EMMPRIN; M6 antigen; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer	Clone MEM-M6/2 (Abcam # ab21903; Exbio # 11-454-C100; Biolegend # 312401)	
CD148	PTPRJ	Protein tyrosine phosphatase, receptor type, J; CD148; Density enhanced phosphatase-1 (DEP1); HPTPeta; R-PTP-ETA; SCC1		
CD149				
CDw150	SLAMF1	Signaling lymphocytic activation molecule family member 1; CDw150		
CD151	CD151	CD151 antigen; membrane glycoprotein SFA-1; platelet surface glycoprotein gp27; platelet-endothelial cell tetraspan antigen 3 (PETA-3); GP27	Polyclonal ((WB) Sant Cruz, PMID: 17572908)	
CD152	CTLA4	Cytotoxic T-lymphocyte-associated protein 4, CD152	Clone BNI3 (BD # 555851)	
CD153	TNFSF8	Tumor necrosis factor (ligand) superfamily, member 8, CD30L, CD153		
CD154	CD40LG	CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome); TNFSF5; CD40L, CD154	Clone 5c8 ((WB) (PMID 10901174)	
CD155	PVR	Poliovirus receptor; CD155, HVED; Nectin-like-5 (NECL5); PVS; TAGE4		
CD156A	ADAM8	A disintegrin and metalloproteinase domain 8	Polyclonal ((WB) US Biological Product # A0858-98)	
CD156B	ADAM17	A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), TACE; CD156B	Polyclonal (Accurate # ACL2ADAM17)	
CD156C	ADAM10	A disintegrin and metalloproteinase domain 10		
CD157	BST1	Bone marrow stromal cell antigen 1; CD157; Ly65; BP-3; Bp3; Bsta1		

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CD158A	KIR2DL1	Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1; 47.11, CL-42, NKAT1, P58.1, p58.1, CD158A		
CD158B	KIR2DL2	Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 2; CL-43, NKAT6, p58.2, CD158B1		
CD158B	KIR2DL3	Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3; p58, CL-6, NKAT2, CD158b, NKAT2A, NKAT2B, CD158B2, KIR-023GB		
CD158C	KIR3DP1	Killer-cell Ig-like recept; CD158C		
CD158D	KIR2DL4	Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4; 103AS, 15.212, CD158D, KIR103, KIR103AS		
CD158E	KIR3DL1	Killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1; KIR, CL-2, NKB1, AMB11, CL-11, NKAT3, NKB1B, CD158E1, KIR3DS1, CD158E1/2; p70 cl-2; cl-11		
CD158F	KIR2DL5	Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5; CD158F		
CD158G	KIR2DS5	Killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5; NKAT9, CD158G		
CD158H	KIR2DS1	Killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 1; p50.1, CD158H, EB6ActI, EB6ActII		
CD158I	KIR2DS4	Killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4; PAX, KKA3, KIR1D, NKAT8, cl-39, CD158I		
CD158J	KIR2DS2	Killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2; CL-49, NKAT5, p50.2, CD158J, 183ACTI, 183ActI		
CD158K	KIR3DL2	Killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2; CL-5, NKAT4, CD158K, NKAT4A, NKAT4B; cl-5; p140		
CD158Z	KIR3DL3	Killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 3; KIR44, KIRC1, KIR3DL7; CD158Z		
CD159A	KLRC1	Killer cell lectin-like receptor subfamily C, member 1; CD159A; NKG2A		
CD159C	KLRC2	Killer cell lectin-like receptor subfamily C, member 2; NKG2C; CD159c		
CD160	CD160	CD160 antigen; NK1; NK28; BY55		
CD161	KLRB1	Kiiller cell lectin-like receptor subfamily B, member 1, CD161, NKR-P1a		
CD162	SELPLG	Selectin P ligand, CD162	Clone KPL-1 (Millipore # MAB4092)	

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CD163	CD163	Monocyte hemoglobin scavenger receptor; M130 antigen; MM130; Macrophage-associated antigen	Clone SwNL-517.2 (PMID: 11445221); Clone 2A10/11 ((FC,,IHC, IP,WB) Serotec # MCA2311); Clone 6A383 ((WB, IP, FC) US Biological #C2548-90D) Clone 1C6/BM (Pérez et al 08) Clone Ber-MAC3 (www.vetmed.wsu.edu/tkp/CDARect.aspx? ID=1016&ID2=197) Clone 2H12/BM (Pérez et al 08) Clone 3E10/BM (Pérez et al 08)	
CD163B	M160	Scavenger receptor cysteine-rich type 1 protein M160; CD163B; WC1		
CD164	CD164	CD164 antigen; Eialomucin; MUC-24; Endolyn		
CD165		CD165		
CD166	ALCAM	Activated leukocyte cell adhesion molecule; CD6 ligand (CD6L); MEMD		
CD167	DRR1	Discoidin domain receptor family, member 1; CD167; PTK3A protein tyrosine kinase 3A (PTK3A); cell adhesion kinase (CAK); discoidin receptor tyrosine kinase; epithelial discoidin domain receptor 1 (EDDR1); neurotrophic tyrosine kinase, receptor, type 4 (NTRK4); DDR; NEP; PTK3; RTK6; TRKE		
CD168	HMMR	Hyaluronan-mediated motility receptor (RHAMM); Intracellular hyaluronic acid binding protein (IHABP); CD168		
CD169	SN	Sialoadhesin, sialic acid-binding immunoglobulin-like lectin 1 (SIGLEC-1); CD169	Clone 3B11/11 (PMID 9151393; AbD Serotec # MCA2316) Clone 1E12/11 (PMID 9151393) Clone MAb41D3 (PMID 12857889)	
CD170	SIGLEC5	Sialic acid binding Ig-like lectin 5; CD33 antigen-like 2 (CD33L2); OB binding protein-2 (OB-BP2, OBBP2); CD170; mSiglec-E; mSiglec9		
CD171	L1CAM	L1 cell adhesion molecule (hydrocephalus, stenosis of aqueduct of Sylvius 1 (HSAS, HSAS1)), MASA (mental retardation, aphasia, shuffling gait and adducted thumbs) syndrome, spastic paraplegia 1); antigen identified by monoclonal antibody R1; neural cell adhesion molecule L1 (N-CAML1); MIC5; CAML1; CD171; S10; SPG1		
CD172A	PTPNS1	Protein tyrosine phosphatase; non-receptor type substrate 1; signal inhibitory regulatory protein-1a (SIRP-1a); brain-immunoglobulin-like molecule with tyrosine-based activation motifs (BIT); myeloid and dendritic cell antigen -1 (MyD-1); SWC3; CD172a; Macrophage fusion receptor p84	Clone BL1H7 (PMID: 10852386, AbD Serotec # MCA2312 ); Clone 74-22-15A (ATCC (Hybridoma) # HB-142; BD # 553640, VMRD # 74-22-15); Clone DH59B (VMRD # DH59B)	
CD172B	SIRPB1	Signal-regulatory protein beta 1 (SIRPB); CD172b		
CD172G	SIRPB2	Signal-regulatory protein beta 2 (SIRPB3); SIRPG; SIRP gamma CD172g		
CD173		Blood group H2; Blood group O		
CD174		Lewis Y		
CD175		TN		
CD175s		Sialyl-Tn		
CD176		TF-Ag		
CD177	PRV1	Polycythemia rubra vera 1; CD177; HNA2A; NB1		

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CD178	TNFSF6	Tumor necrosis factor (ligand) superfamily, member 6; CD178; Fas-L; Apoptosis antigen ligand (APTL)	Polyclonal (PMID: 1507257, Stressgen)	
CD180	LY64	Lymphocyte antigen 64 (mouse) homolog; radioprotective; 105kD; RP105; CD180		
CD181	IL8RA	Interleukin 8 receptor, alpha; CD181, CMKAR1, IL-8 receptor-type 1; Chemokine (C-X-C) Receptor-1 (CXCR1)	Clone 42705.111 (PMID: 12615443)	
CD182	IL8RB	Interleukin 8 receptor, beta; CD182, GRO receptor, IL-8 receptor-b, IL-8 receptor-type 2, MGSA receptor; Chemokine (C-X-C) Receptor-2 (CXCR2)		
CD183	CXCR3	Chemokine (C-X-C motif) receptor 3; CD183, CKR-L2, Cmkar3 (m), G protein-coupled receptor 9 (GPR9), IP-10 receptor, Mig receptor	Monoclonal (H. Dawson, unpublished)	
CD184	CXCR4	Chemokine (C-X-C motif), receptor 4, CD184, Cmkar4 (mouse gene), D2S201E, FB22, fusin, HM89, human serum transmembrane segment receptor (HUMSTR), LCR1 (r), leukocyte-derived seven transmembrane domain receptor (LESTR), neuropeptide Y receptor Y3 (NPY3R), NPYRI, pre B-cell-derived chemokine receptor (PB-CKR), SDF-1a/b receptor (SDF1R),	Clone 44708.111 (PMID: 12615443)	
CD185	BLR1	Burkitt lymphoma receptor 1, GTP-binding protein; CXCR5; G-protein coupled receptor-6 (GPCR6, m), GTP-binding protein, neurolymphatic receptor (NLR, m, r)		
CD186	CXCR6	Chemokine (C-X-C motif) receptor 6; G protein-coupled receptor (TYMSTR); BONZO, seven transmembrane-domain receptor from lymphocyte clone 33 (STRL33); CDw186		
CD187				
CD188				
CD189				
CD190				
CD191	CCR1	Chemokine (C-C motif) receptor 1; CC CKR-1; chemokine b receptor-like 1 (CMKBR1); CKR-1, HM145; HM145, LD78 receptor; MIP-1a receptor; RANTES receptor; CD191	Clone 145 (PMID: 12615443)	
CD192	CCR2	Chemokine (C-C motif) receptor 2; CMKBR2, CKR-2, FIC receptor, JE receptor (m), MCP-1 receptor; CCR2A; CC-CKR-2A, CKR2A, MCP-1RA. CCR2B; CC-CKR-2B, CKR2B, MCP-1RB; CD192		
CD193	CCR3	Chemokine (C-C motif) receptor 3; CMKBR3, CC CKR3; Eot-1 receptor, MIP-1a receptor like-2 (MIP-1a RL2); CCR-1,-like 2 (Cmkbr112, m), Scya3r-rs2; CD193	Monoclonal (H. Dawson, unpublished)	
CD194	CCR4	Chemokine (C-C motif) receptor 4; CC-CKR-4, Chemokine b receptor-like 4 (Cmkbr4, m), K5-5; CD194r		
CD195	CCR5	Chemokine (C-C motif) receptor 5; AM4-7 (m), CD195, chemR13; CKR5, CC-CKR-5, chemokine beta receptor-like 5 (Cmkbr5, m), Mip-1a receptor-2	Clone 45549.111 (PMID: 12615443)	

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CD196	CCR6	Chemokine (C-C motif) receptor 6; Barney, BN-1, C-C CKR-6, chemokine receptor like-3 (CKRL3), CMKBR6, DC chemokine receptor 2 (DCCR2, DRY6, G-protein-coupled receptor-29 (GPR29), G-protein-coupled receptor C4 (GPRCY4), GCY-4, IL8-related receptor, KY411 (m), LARC receptor, seven-transmembrane receptor lymphocyte, 22 (STRL22); CD196		
CD197	CCR7	Chemokine (C-C motif) receptor 7; (EBI1); Burkitt lymphoma receptor-2 (BLR2), CD197, CKR7, CMKBR7, Epstein-Barr virus (EBV)-induced gene-1 (EBI-1), MIP-3b receptor, SLC receptor		
CDw198	CCR8	Chemokine (C-C motif) receptor 8; ChemR1; CY6, chemokine receptor-like 1 (CKRL1, CKR-L1), chemokine b receptor 8 (CMKBR8), chemokine beta receptor-like 2 (CMKBRL2), CKR8, GPR-CY6, I-309 receptor, small inducible cytokine 3 receptor 2 (Scya3r2), TCA-3 receptor, TER1; CDw198		
CDw199	CCR9	Chemokine (C-C motif) receptor 9; G-protein coupled receptor 9-6 (GPR-9-6), GPR28, HEK293; CDw199		
CD200	CD200	CD200; MRC OX-2 antigen; OX-2 membrane glycoprotein precursor; antigen identified by monoclonal antibody MRC OX-2; My033		
CD201	PROCR	Protein C receptor, endothelial (EPCR); APC receptor; CD201 antigen; activated protein C receptor; cell cycle, centrosome-associated protein; centrocyclin; endothelial protein C receptor, CCCA, CCD41		
CD202A				
CD202B	TEK	TEK tyrosine kinase, endothelial (venous malformations, multiple cutaneous and mucosal), TIE2; CD202; Venous malformations, multiple cutaneous and mucosal (VMCM, VMCM1)	Clone Ab33 (Upstate Biotechnology # 05-584)	
CD203A	ENPP1	Ectonucleotide pyrophosphatase/phosphodiesterase 1; NPP1; PDNP1; CD203a; Swine Workshop Cluster 9 (SWC9) Antigen; Ly-41 antigen; alkaline phosphodiesterase 1; membrane component, chromosome 6, surface marker 1; phosphodiesterase I/nucleotide pyrophosphatase 1; plasma-cell membrane glycoprotein 1 (PC-1)	Clone PM 18-7 (Serotec # MCA2088)	
CD203B	ENPP2	Ectonucleotide pyrophosphatase/phosphodiesterase 2		
CD203C	ENPP3	Ectonucleotide pyrophosphatase/phosphodiesterase 3; B10; NPP3; PDNP3; CD203c; Phosphodiesterase-I beta (PD-IBETA)		

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CD204	MSR1	Macrophage scavenger receptor 1; Macrophage acetylated LDL receptor I and II; macrophage scavenger receptor type III; scavenger receptor class A, member 1 (SCARA1); SR-A; phSR1; phSR2; CD204		
CD205	LY75	Lymphocyte antigen 75, DEC-205, CD205; GP200-MR6		
CD206	MRC1	Mannose receptor; C type 1; macrophage mannose receptor; CD206; MMR	Clone 3.29B1.10 (Coulter # IM2741; PMID: 18582937)	
CD207	CD207	CD207 antigen, langerin; Langerhan's cell specific c-type lectin	Clone 808E10.01 (Imgenex, PMID: 18805593) Clone 310F7.02 (Imgenex, PMID: 18805593) Clone 306G9.01 (Imgenex, PMID: 18805593) Clone 817G7 (Imgenex, PMID: 18805593)	
CD208	LAMP3	Lysosomal-associated membrane protein 3, CD208; DCLAMP, TSC403, DC-LAMP	Clone 104.G4 (Coulter #IM3578)	
CD209	CD209	CD209 antigen, DC-SIGN; SIGNR1 (m)	Monoclonal (H. Dawson, unpublished)	
CD210a	IL10RA	Interleukin 10 receptor, alpha; CDw210a		
CD210b	IL10RB	Interleukin 10 receptor; beta; CDw210b; cytokine receptor family II, member 4 (CRFB4)		
CD211				
CD212	IL12RB1	Interleukin 12 receptor, beta 1; CD212		
CD213a	IL13RA1	Interleukin 13 receptor, alpha 1, CD213a1		
CD213a	IL13RA2	Interleukin 13 receptor, alpha 2, CD213a2		
CD214				
CD215				
CD216				
CD217	IL17R	Interleukin 17 receptor (IL17R); IL17RA, IL-17RA; CD217		
CD218a	IL18RA	Interleukin 18 receptor 1; CDw218a	Polyclonal ((WB) R & D Systems # AF840, PMID: 16137855)	
CD218b	IL18RAP	Interleukin 18 receptor accessory protein; Accessory protein-like (ACPL); IL18Rb; CDw218b		
CD219				
CD220	INSR	Insulin receptor; CD220	Clone 83-7 (Chemicon # MAB1138)	
CD221	IGF1R	Insulin-like growth factor I receptor, CD221 Antigen	Clone 17-69 (BioSource # AHR0331)	
CD222	IGF2R	Insulin-like growth factor 2 receptor; Insulin-like growth factor-2 receptor (mannose-6-phosphate receptor, cation-independent); cation-independent mannose-6 phosphate receptor; CD222; IGF-IIR		
CD223	LAG3	Lymphocyte-activation gene 3; LAG-3; CD223		
CD224	GGT1	Gamma-glutamyltransferase 1; CD224; D22S672; GGT; GTG	Polyclonal (PMID: 1679019)	Monoclonal (LifeSpan Biosciences # LS-C23901)
CD225	IFITM1	Interferon induced transmembrane protein 1 (9-27); 9-27; CD225; Interferon-induced protein 17 (IFI17), LEU13		
CD226	CD226	DNAX accessory molecule-1; T lineage-specific activation antigen 1 antigen (TLISA1); adhesion glycoprotein; platelet and T cell activation antigen 1 (PTA1); DNAM-1; DNAM1		
CD227	MUC1	Mucin 1, transmembrane, CD227	Clone 9-13M1 ((ELISA, IHC, WB) Chemicon # MAB4068) Clone DF3 (GeneTex # GTX20696)	

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CD228	MF12	Antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5; melanoma-associated antigen p97 (MAP97); melanotransferrin (MTF1); CD226		
CD229	LY9	Lymphocyte antigen 9; CD229; SLAMF3		
CD230	PRNP	Prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia); ASCR; CJD; GSS; PRIP; PrP27-30; PrP33-35C; PrPc; CD230; major prion protein; prion protein; prion-related protein (PrP)		
CD231	TSPAN7	Tetraspanin 7; CD231; T-cell acute lymphoblastic leukemia associated antigen 1 (TALLA-1); cell surface glycoprotein A15; membrane component, x chromosome, surface marker 1 (MXS1); tetraspanin protein; transmembrane 4 superfamily 2b (TM4SF2); transmembrane protein A15		
CD232	PLXNC1	Plexin C1; PLXN-C1; Virally-encoded semaphorin receptor (VESPR); CD232		
CD233	SLC4A1	Solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group); BND3, CD233, DI, EMPB3, EPB3, RTA1A, WD, WD1; EPB3; E1; DI; Waldner blood group (WD); anion exchange protein 1; anion exchanger 1 (AE1); erythroid anion exchange protein		
CD234	FY	Duffy blood group; CCBP1; DARC; CD234		
CD235A	GPA	Glycophorin A (includes MN blood group); Mi.V glycoprotein (24 AA); erythroid-lineage-specific membrane sialoglycoprotein; glycophorin A; glycophorin A; GPA; glycophorin Erik (GPErik); glycophorin Mil; glycophorin MiV; glycophorin MiX; glycophorin SAT; glycophorin Sta type C; recombinant MiDR; recombinant glycophorin A-B Miltenberger-DRGPA; GPSAT; HGpMiV; HGpMiX; HGpMiXI; HGpSta(C); MN; MNS; CD235A	Clone 1AC11 ((FCM, IHC, IP) BD Biosciences Pharmingen # 551544)	Clone JC159 ( <a href="http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=1020&amp;ID2=311">http://www.vetmed.wsu.edu/tkp/CDAReact.aspx?ID=1020&amp;ID2=311</a> )
CD235B	GPB	Glycophorin B (includes Ss blood group); erythrocyte membrane glycoprotein; glycophorin B (GPB); glycophorin HeP2; GYPA; GYPHe.NY; MNS; SS	Clone 2G2 (PMID; 7486256)	
CD236	GYPC	Glycophorin C (Gerbich blood group); CD236		
CD236R	GYPD	Glycophorin D (Gerbich blood group); CD236R		
CD237				
CD238	KEL	Kell blood group; CD238		
CD239	BCAM	Auberger b antigen; B-CAM cell surface glycoprotein; B-cell adhesion molecule; F8/G253 antigen; Lutheran blood group glycoprotein; antigen identified by monoclonal antibody F8; glycoprotein 95kDa; CD238		
CD240CE		Rhesus 30CE		
CD240D		Rhesus 30D		

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CD241		Rhesus 50		
CD242	ICAM4	Intercellular adhesion molecule 4, Landsteiner-Wiener blood group; CD242; LW		
CD243	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1; MDR1		
CD244	CD244	Natural killer cell receptor 2B4; NK cell activation inducing ligand (DNAIL); SLAMf4		
CD245		p220/240		
CD246	ALK	Anaplastic lymphoma kinase (Ki-1); CD246		
CD247	CD3Z	CD3Z antigen, zeta polypeptide (TIT3 complex), CD247	Clone MMA-51 (PMID: 17658615)	
CD248	CD164L1	CD164 sialomucin-like 1; Tumor endothelial marker 1 (TEM1), Endosialin; CD248		
CD249	ENPEP	Glutamyl aminopeptidase (aminopeptidase A); APA; BP-1; gp160; CD249		
CD250				
CD251				
CD252	TNFSF4	Tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activated glycoprotein 1, 34kD), OX40L; CD134L; CD252		
CD253	TNFSF10	Tumor necrosis factor (ligand) superfamily; member 10 (TNFSF10); TRAIL; APO-2L; CD253	Polyclonal (PMID 14967924)	
CD254	TNFSF11	Tumor necrosis factor (ligand) superfamily, member 11; Receptor activator of nuclear factor kappa B ligand (RANKL); TNF-related activation-induced cytokine (TRANCE), hRANKL2; osteoprotegerin ligand (OPGL); osteoclast differentiation factor (ODF); sOdf; CD254		
CD255	TNFSF12	Tumor necrosis factor (ligand) superfamily; member 12; APO3L; DR3LG; TNF-related WEAK inducer of apoptosis (TWEAK); CD255		
CD256	TNFRSF13	Tumor necrosis factor (ligand) superfamily; member 13; A proliferation-inducing ligand (APRIL); TACI; TNF-and APOL-related leukocyte expressed ligand 2) (TALL-2); TNF-related death ligand-1; (TRDL-1); Tumor necrosis factor-like protein ZTNF2; TWE-PRIL; CD256		
CD257	TNFSF13B	Tumor necrosis factor (ligand) superfamily; member 13b: B-cell-Activating factor; B-cell Activating Factor (BAFF); B-lymphocyte Stimulator (BLYS); NF and ApoL related ligand (TALL1, TALL-1); THANK; ZTNF4; TNFSF20; Dendritic Cell-derived TNF-like (DTL); CD257	Polyclonal ((FC) (R&D Systems # AF124; PMID: 17658618))	
CD258	TNFSF14	Tumor necrosis factor (ligand) superfamily, member 14; LIGHT; Herpesvirus entry mediator ligand (HVEM); CD258		
CD259				
CD260				

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CD261	TNFRSF10 A	Tumor necrosis factor receptor superfamily, member 10a; death receptor 4 (DR4); cytotoxic TRAIL receptor; TNF-related apoptosis inducing ligand receptor 1 (TRAILR1, TRAILR-1); APO2; MGC9365; CD261		
CD262	TNFRSF10 B	Tumor necrosis factor receptor superfamily, member 10b; death receptor 5 (DR5); TNF-related apoptosis-inducing ligand receptor 2; TRAIL receptor 2; Fas-like protein precursor; apoptosis inducing receptor TRAIL-R2; apoptosis inducing protein TRICK2A/2B; tumor necrosis factor receptor-like protein ZTNFR9; death domain containing receptor for TRAIL/Apo-2L; cytotoxic TRAIL receptor-2; p53-regulated DNA damage-inducible cell death receptor(killer); CD262		
CD263	TNFRSF10 C	Tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain; Decoy Receptor 1 (DcR1); CD263; Lymphocyte Inhibitor of TRAIL (LIT)		
CD264	TNFRSF10 D	Tumor necrosis factor receptor superfamily; member 10d; decoy with truncated death domain; DcR2; CD264	Polyclonal (Lifespan Biosciences # LS-C14821)	
CD265	TNFRSF11 A	Tumor necrosis factor receptor superfamily, member 11a, activator of NFKB (TNFRSF11A); RANK; CD265; TRANCE-R		
CD266r	TNFRSF12 A	Tumor necrosis factor receptor superfamily, member 12A; Fibroblast growth factor-inducible immediate-early response protein 14 (FN14); (FGF-inducible 14; TWEAK-R; CD266r		
CD267	TNFRSF13 B	Tumor necrosis factor receptor superfamily, member 13B; transmembrane activator and calcium-modulating and cyclophilin ligand interactor; transmembrane activator and CAML interactor (TACI); CD267		
CD268	TNFRSF13 C	Tumor necrosis factor receptor superfamily, member 13C; B cell-activating factor receptor (BAFFR); CD268		
CD269	TNFRSF17	Tumor necrosis factor receptor superfamily; member 17; B-cell maturation protein (BCM); BCMA; CD269		
CD270r	TNFRSF14	Tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator), LIGHTR; HVEM; CD270r		
CD271r	NGFR	Nerve growth factor receptor (TNFR superfamily; member 16, TNFRSF16); p75; CD271r	Clone ME20.4 (Abcam # ab10495, Millipore # MAB5386)	
CD272	BTLA	B and T lymphocyte attenuator; CD272		
CD273	PDCD1LG 2	Programmed death ligand 2, PDL2, PD-L2, PDCD1L2; B7DC, B7-DC; Btdc; CD273	Monoclonal (H. Dawson, unpublished)	
CD274	CD274	CD274 antigen, Programmed cell death 1 ligand 1 (PDCD1LG1), B7-H1 protein (B7-H1), B7H1; PD-L1; PDL1	Monoclonal (H. Dawson, unpublished)	

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CD275	ICOSL	Inducible T-cell co-stimulator ligand; B7H2; B7-H2; B7-like protein; CD275		
CD276	CD276	CD276 antigen; B7 homolog 3 (B7H3); B7RP-2; B7-H3; CD276		
CD277	BTN3A1	Butyrophilin, subfamily 3, member A1; BT3.1; CD277		
CD278	ICOS	Inducible T-cell co-stimulator; activation-inducible lymphocyte immunomediatory molecule (AILIM); CD278	Monoclonal (H. Dawson, unpublished)	Clone DX29 (H. Dawson, unpublished)
CD279	PDCD1	Programmed cell death 1; PD1, SLEB2, hPD-I; PD1; CD279		
CD280	MRC2	Mannose receptor, C type 2; Endocytic receptor (macrophage mannose receptor family); urokinase plasminogen activator receptor-associated protein (UPARAP); CLEC13E; ENDO180; TEM22		
CD281	TLR1	Toll-like receptor 1; CD281		
CD282	TLR2	Toll-like receptor 2; CD282	Clone 1H11 (PMID: 18096121)	
CD283	TLR3	Toll-like receptor 3; CD283	Monoclonal (C. Nfon and W. Golde, unpublished)	
CD284	TLR4	Toll-like receptor 4; CD284	Clone HTA125 (AbD Serotec # MCA2061, Biolegend # 312801)	
CD285r	TLR5	Toll-like receptor 5; CD285		
CD286	TLR6	Toll-like receptor 6; CD286	(PMID 14585198)	
CD287r	TLR7	Toll-like receptor 7; CD287	Monoclonal (C. Nfon and W. Golde, unpublished)	
CD288	TLR8	Toll-like receptor 8; CD288	Monoclonal (C. Nfon and W. Golde, unpublished) Polyclonal ((IHC) (PMID: 18439678, D-15 Santa Cruz Biotechnology # sc-13212-R)	
CD289	TLR9	Toll-like receptor 9; CD289	Polyclonal (PMID 12759192) Polyclonal ((WB, IHC, ELISA, IP, FC) Cosmo Bio.# CAC-THU-A-TLR9)	
CD290	TLR10	Toll-like receptor 10; CD290		
CD291r	TLR11	Toll-like receptor 11; CD291		
CD292	BMPR1A	Bone morphogenetic protein receptor, type IA; ALK-3	Polyclonal ((IHC) PMID: 1525595)	
CDw293	BMPR1B	Bone morphogenetic protein receptor, type IB	Polyclonal ((IHC) PMID: 1525595)	
CD294	GPR44	G protein-coupled receptor 44; Chemoattractant receptor-homologous molecule expressed on TH2 cells (CRTH2); Prostaglandin D2 receptor; DP2; CD294		
CD295	LEPR	Leptin receptor; OBR; CD295		
CD296	ART1	ADP-ribosyltransferase 1; RT6, ADP-ribosyltransferase 2 (ART2); CD296		
CD297	ART4	ADP-ribosyltransferase 4 ; Dombrock blood group (DO); DOK1; CD297		
CD298	ATP1B3	ATPase, Na+/K+ transporting, beta 3 polypeptide; CD298		
CD299	CD209L	CD209 antigen-like; LSIGN, DCSIGNR, HP10347, DC-SIGN2, DC-SIGNR; DCSIGN-related, L-SIGN; CD299		
CD300a	CMRF-35H	Leukocyte membrane antigen; CMRF-35H; IRC1; IRC2; IRp60; CMRF35H; CMRF35H9; CMRF-35-H9; CD300a		
CD300c	CMRF-35A	CMRF35 leukocyte immunoglobulin-like receptor; LIR; CMRF35A; CMRF-35A; CMRF35A1; CD300c		
CD300e	CMRF-35L1	CMRF35 leukocyte immunoglobulin-like receptor like-1; CD300e		

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CD301	CLEC10A	C-type lectin domain family 10, member A; Macrophage galactose N-acetyl-galactosamine specific lectin 1 (MGL, MGL1); C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 13 (macrophage-derived) (CLECSF13); macrophage C-type lectin; macrophage lectin 2 (calcium dependent); Human macrophage		
CD302	CD302	Type I transmembrane C-type lectin receptor DCL-1; BCG cell wall induced monocyte lectin (BIMLEC); CD302; CLEC13A		
CD303	CLECSF7	C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 7; Blood dendritic cell antigen 2 (BDCA2); dendritic cell lectin (DLEC); C-type (calcium dependent, carbohydrate-recognition domain) lectin,		
CD304	NRP1	Neuropilin 1; VEGF165R; Blood dendritic cell antigen 4 (BDCA4);		
CD305	LAIR1	Leukocyte-associated Ig-like receptor 1; CD305		
CD306	LAIR2	Leukocyte-associated Ig-like receptor 2; CD306		
CD307	IRTA2	Immunoglobulin superfamily receptor translocation associated 2; CD307; B cell crosslinked IgM-activating sequence protein (BXMAS1); Fc receptor-like protein 5 (FCRH5)		
CD308r	FLT1	Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); VEGFR1; FLT; EmRK2; CD308r		
CD309	KDR	Kinase insert domain receptor (a type III receptor tyrosine kinase); FLK1; FLK-1; VEGFR; VEGFR2; CD309		
CD310r	FLT4	Fms-related tyrosine kinase 4; VEGFR3; CD310r		
CD311r	EMR1	Egf-like module containing; mucin-like; hormone receptor-like 1; lymphocyte antigen 71 (Ly71); F4/80 (m); Gp480; TM7LN3; DD7A5-71; CD311r		
CD312	EMR2	Egf-like module containing, mucin-like, hormone receptor-like 2; CD312		
CD313r	EMR3	Egf-like module containing, mucin-like, hormone receptor-like 3; CD313r		
CD314	KLRK1	Killer cell lectin-like receptor subfamily K, member 1, NKG2D; CD314		
CD315	PTGFRN	Prostaglandin F2 receptor negative regulator; Prostaglandin F2-alpha receptor regulatory protein; Prostaglandin F2-alpha receptor associated protein; CD9 partner 1 (CD9P-1); Adipocyte membrane protein; CD315		
CD316	IGSF8	Immunoglobulin superfamily, member 8; EW12; CD81 partner 3 (CD81P3); LIR-D1; keratinocytes associated transmembrane protein 4 (KCT4); CD316		
CD317	BST2	Bone marrow stromal cell antigen 2; CD317		
CD318	CDCP1	CUB domain-containing protein 1;		

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CD319	SLAMF7	SLAM family member 7; 19A, CS1, CD2-like receptor activating cytotoxic cells (CRACC); FOAP-12; NK cell receptor CS1; CD319; Novel LY9 (lymphocyte antigen 9) like protein		
CD320	8D6A	8D6 antigen; FDC;		
CD321	F11R	F11 receptor; Junctional adhesion molecule (JAM); KAT; JAM1; JCAM; JAM-1; PAM-1; CD321		
CD322	JAM2	Junctional adhesion molecule 2; Vascular endothelial-junctional adhesion molecule (VE-JAM,		
CD323	JAM3	Junctional adhesion molecule 3;		
CD324	CDH1	Cadherin 1, type 1, E-cadherin (epithelial) (CDH1); CD324		
CD325	CDH2	Cadherin 2, type 1, N-cadherin (neuronal); CDw325	Clone 3G40 (Lifespan Biosciences # LS-C4279) Clone 3g49 (Lifespan Biosciences # LS-C21052-100)	
CD326	TACSTD1	Tumor-associated calcium signal transducer 1 precursor; Epithelial glycoprotein (EGP); KSA; Membrane component, chromosome 4, surface marker (M4S1); MK-1; EGP40; MIC18; TROP1; Ep-CAM, human epithelial glycoprotein-2 (hEGP-2), CO17-1A, GA733-2; CD326		
CD327	SIGLEC6	Sialic acid binding Ig-like lectin 6; CD33 antigen-like 1 (CD33L1); OB binding protein-1 (OBBP1); CDw327		
CDw328	SIGLEC7	Sialic acid binding Ig-like lectin 7; p75; QA79: Adhesion inhibitory receptor molecule 1 (AIRM1); CDw328		
CD329	SIGLEC9	Sialic acid binding Ig-like lectin 9; CDw329		
CD330r	SIGLEC10	Sialic acid binding Ig-like lectin 10; Siglec-like gene 2 (SLG2), PRO940; Ig-like lectin 7; CD330r		
CD331	FGFR1	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2; Pfeiffer syndrome) (FGFR1); C-FGR, CEK, FLG, H2, H3, H4, H5, KAL2, N-SAM; FLG protein; FMS-like tyrosine kinase 2 (FLT2); N-sam tyrosine kinase; Basic fibroblast growth factor receptor 1 (BFGFR); Fibroblast growth factor receptor 1; Fms-related tyrosine kinase-2; Heparin-binding growth factor receptor; Hydroxyaryl-protein kinase; CD331	Polyclonal (Sigma Catalog # F 5421, PMID # 15120423)	
CD332	FGFR2	Fibroblast growth factor receptor 2 (bacteria-expressed kinase, BEK); keratinocyte growth factor receptor; craniofacial dysostosis 1; Crouzon syndrome; Pfeiffer syndrome; Jackson-Weiss syndrome) (FGFR2); K-SAM; CD332		
CD333	FGFR3	Fibroblast growth factor receptor 3 (achondroplasia; thanatophoric dwarfism) (FGFR3); transcript variant 1; Tyrosine kinase JTK4; CD333	Polyclonal ((IHC) LifeSpan BioSciences # LS-C50242-50)	
CD334	FGFR4	Fibroblast growth factor receptor 4 (FGFR4); transcript variant 1; CD334		
CD335	NCR1	Natural cytotoxicity triggering receptor 1; LY94; NK-p46; NKP46; CD335		

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CD336	NCR2	Natural cytotoxicity triggering receptor 2, LY95, NKP44, NK-p44; CD336		
CD337	NCR3	Natural cytotoxicity triggering receptor 3, NKp30; 1C7; LY117; Activating NK-A1 receptor; CD337		
CD338	ABCG2	ABC transporter; ATP-binding cassette sub-family G (WHITE) member 2; ATP-binding cassette transporter G2; ATP-binding cassette, sub-family G, member 2; breast cancer resistance protein (BCRP, BCRP1); mitoxantrone resistance protein (MRX, MXR, MXR1); placenta specific MDR protein; BC15; Brain multidrug resistance protein (BMDP); CDw338; placenta-specific ATP-binding cassette transporter (ABCP)	Polyclonal ((WB) Drees et al 05))	
CD339	JAG1	Jagged 1 (Alagille syndrome); AGS; AHD; AWS; HJ1; JAGL1; CD339		
CD340	ERBB2	V-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); NEU; NGL; HER2; TKR1; CD340	Polyclonal Anti-phospho-ErbB-2 (Tyr1248) ((WB) Sigma-Aldrich # E7780 )	
CD344	FZD4	Frizzled homolog 4 (Drosophila); CD344		
CD349	FZD9	Frizzled homolog 9 (Drosophila); CD349		
CD350	FZD10	Frizzled homolog 10 (Drosophila); FzE7; CD350; FZ-10; hFz10		