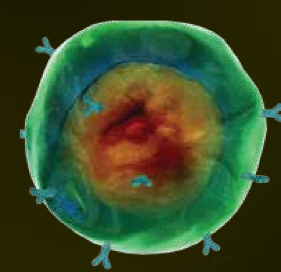
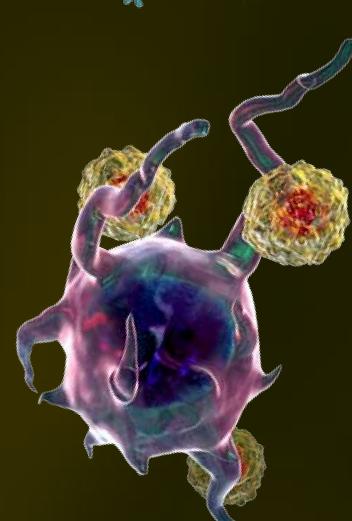
Mouse CD Antigens



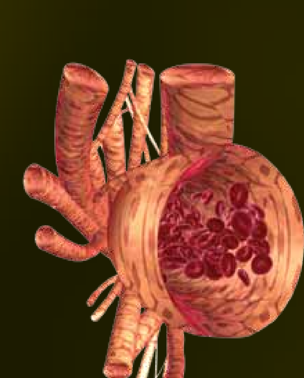
B Cell Antigens

CD2, CD5, CD19, CD20, CD21/CD35, CD22, CD23, CD25, CD40, CD45R (B220), CD69, CD70, CD79a, CD79b, CD80, CD86, CD93, CD137 (4-1BB), CD252, CD267, CD268, CD279 (PD-1)



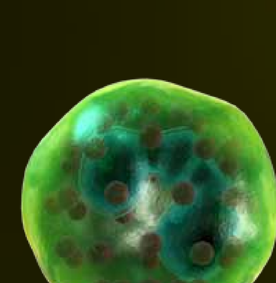
Dendritic Cell Antigens

CD4, CD8, CD11b, CD11c, CD40, CD80, CD83, CD86, $CD123^{pDC}$, CD197 (CCR7), CD205 (DEC-205), CD207 (Langerin), CD209 (DC-SIGN), CD273 (B7-DC), CD289 (TLR9), CD317 (PDCA-1)



Endothelial Cell Antigens

CD31 (PECAM-1), CD34, CD54, CD61, CD62E (E-Selectin), CD105 (Endoglin), CD106 (VCAM-1), CD144 (VE-Cadherin), CD146, CD202b (Tie2), CD309 (FLK1)



Granulocyte Antigens

CD11b, CD11c, CD13, $CD14^{low}$, CD16, CD31, CD88, CD114

Macrophage/Monocyte Antigens

CD11a, CD11b, CD13, CD14, CD16/CD32, CD64, CD68, CD80, CD86, CD107a, CD107b, CD115, CD282 (TLR2), CD284 (TLR4)

Megakaryocyte/ Platelet Antigens

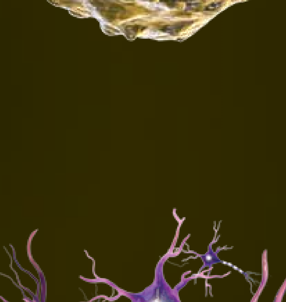
CD9, CD31 (PECAM-1), CD41, CD42b, CD51, CD61, CD62P (P-Selectin)

NK Cell Antigens

CD11b, CD11c, CD16, CD25, CD45R (B220), CD49b (DX5), CD69, CD94, CD122, CD160, CD161c (NK1.1), CD244, CD314 (NKG2D), CD335 (NKp46), CD352 (SLAMF6)

Stem Cell Antigens

CD34, CD93 (C1qRP), CD110, CD111, CD117 (c-Kit), CD133, CD135 (Flk-2), CD150 (SLAM), CD184 (CXCR4), CD201 (EPCR), CD202b (Tie1), CD243 (MDR1), CD309 (FLK1), CD338 (ABCG2)



T Cell Antigens

CD3, CD4, CD5, CD8, CD25, CD27, CD28, CD39, CD44, CD62L (L-Selectin), CD69, CD73, CD127, CD130, CD134, CD137 (4-1BB), CD152, CD154, CD197 (CCR7), CD272 (BTLA), CD278 (ICOS), CD279 (PD-1)

Other Cell-Type Antigens

Epithelial Cell: CD24, CD44R, CD49f, CD66a, CD75, CD104, CD121a, CD133, CD167a, CD326 (EpCAM)

Erythrocyte: CD24, CD45 negative, CD235a

Fibroblast: CD10, CD29, CD47, CD81, CD91, CD121a

Mast Cell: CD23, CD117, CD203c

Neuron: CD6, CD24, CD90, CD143, CD166, CD171, CD200, CD230 (Prion Protein), CD271 (NGFR), CD304 (Neuropilin)

Stromal Cell: CD34, CD157

Antigen Name	Alternate Names	MW (kD)	Distribution	Function	Ligand/Receptor
CD1d	CD1D, Ly-38	43-49	leukocytes, intestinal epithelium	lipid and glycolipid antigen presentation, w/β2m	CD1 restricted TCR
CD2	LFA-2, Ly-37, SRBC-R	45-58	lymphocytes, pre-B, erythrocytes, myeloid, DC	adhesion, T activation	CD48
CD3δ	T3d	20	T, thymocyte subset, NKT	TCR subunit, TCR expression and signaling	
CD3ε	T3e	20	T, thymocyte subset, NKT	TCR subunit, TCR expression and signaling	
CD3γ	T3g	25	T, thymocyte subset, NKT	TCR subunit, TCR expression and signaling	
CD4	Ly-4, L3T4	55	thymocyte subset, T subset, DC subset, monocytes	TCR co-receptor, thymic differentiation, T activation	MHC class II, IL-16
CD5	Ly-1	67	thymocytes, T, B subset (B1)	Modulates signaling through the antigen-specific receptor complex (TCR and BCR)	CD72
CD6	T12	100-130	thymocytes, T, neurons	T differentiation and costimulation	CD166
CD7	gp40	40	thymocytes, T	costimulation	
CD8α	Ly-2	32-34	thymocyte subset, T subset , DC subset	TCR co-receptor, T differentiation, homodimer, heterodimer with CD8β	MHC class I
CD8β	Ly-3	30	thymocyte subset, T subset	TCR co-receptor, T differentiation, heterodimer with CD8α	MHC class I
CD9	p24, MRP-1	24-27	myeloid, platelets, T^{act}, B subset, stromal cells, mesenchymal stem cells	cell adhesion, migration, T costimulation, platelet activation	
CD10	CALLA, NEP, Mme	100	fibroblasts, BM stromal cells, non-lympoid tissue	zinc-binding metalloproteinase, neutral endopeptidase ectoenzyme	
CD11a	integrin αL, Ly-15, Itgal	80	all leukocytes	associates with CD18, adhesion, T costimulation	CD54, CD102, CD242, CD50
CD11b	Mac-1, integrin αM, Itgam, CR3	170	myeloid, NK, T subset, B subset	associates with CD18, adhesion	CD54, CD102, fibrinogen, iC3b
CD11c	p150, integrin αX, Itgax, CR4	150	DC, myeloid, NK, T subset	associates with CD18, adhesion	fibrinogen, iC3b
CD13	Aminopeptidase N, APN, LAP1	150	myeloid, endothelial, DC	zinc-binding metalloproteinase, antigen processing	
CD14	LPS-R, Mo2	53-55	monocytes, macrophages, Langerhans cells	LPS sensor	LPS receptor
CD15	Lewis-X , 3-FAL, SSEA-1		embryonic stem cells, neural stem cells	fucosyl transferase (Fut4), adhesion	
CD16	FcγRIII, Ly-17, Fcyr3	50-60	NK, neutrophils, mast cells, macrophages	phagocytosis, ADCC, NK activation	aggregated IgG
CD18	Integrin β2, Itgb2	90-95	all leukocytes	heterodimer with CD11a, CD11b or CD11c, adhesion	CD54, CD102, fibrinogen, iC3b
CD19	B4	95	B (not on plasma cells), FDC	complex w/ CD21 and CD81, BCR coreceptor, B cell activation/ differentiation	
CD20	Ly-44, B1, Ms4a1	33-37	B, T subset	B differentiation/activation	
CD21	CR2, C3dR, CD21a	150	B, FDC	associates with CD19 and CD81, BCR coreceptor	C3d
CD22	Lyb-8, Siglec-2, BL-CAM	140-160	B	B cell adhesion and activation	CD75
CD23	FcεRII, Ly-42	45-49	B, monocytes, macrophages, granulocytes, platelets, FDC	signaling	IgE, CD21, CD11b, CD11c
CD24	HSA, Ly-52, Nectadrin	35-52	B, thymocytes, granulocytes, monocytes, erythrocytes	B differentiation, adhesion, T costimulation	CD62P
CD25	Ly-43, p55, IL-2Rα	55	T^{act}, B^{act}, Treg, DC subset, monocytes	associates with CD122 and CD132 to form high affinity IL-2 receptor	IL-2
CD26	DPP4, THAM	110	thymocyte subset, T^{act}, B, NK, epithelial	dipeptidyl peptidase ectoenzyme, activation, adhesion	collagen
CD27	T14, Tnfrsf7	45	medullary thymocytes, T, NK, B subset	T and B costimulation	CD70
CD28	Tp44	45	T, thymocytes, NK	T costimulation	CD80, CD86
CD29	Integrin β1, gpIIa, Itgb1	130	leukocytes, fibroblasts, endothelial, epithelial	heterodimer with CD49a-f (VLA-1-6), adhesion, embryonic development	VCAM-1, MAdCAM-1, ECM
CD30	Ki-1, Tnfrsf8	105-120	T^{act}, B^{act}, NK^{act}	lymphocyte proliferation, apoptosis, peripheral tolerance	CD153
CD31	PECAM-1, gpIIa, CD21b	130-140	leukocytes, platelets, endothelial	signaling, platelet-endothelial adhesion	CD31, CD38
CD32	FcγRII, Ly-17	40-60	monocytes, macrophages, granulocytes, B, T^{act}	phagocytosis, ADCC	aggregated IgG/immune complexes
CD33	Siglec-3, gp67	67	myeloid progenitors, monocytes, macrophages, Langerhans cells	adhesion	sialic acid
CD34	Mucosialin	90-120	hematopoietic stem and progenitor cells, capillary endothelial, BM stroma	adhesion	CD62L
CD35	Cr1, C3b/C4bR	190	erythrocytes, neutrophils, eosinophils, B	adhesion, phagocytosis	C3b, C4b
CD36	GPIV, gpIIIb, fatty acid translocase (FAT)	88	platelets, adipocytes, monocytes, macrophages, endothelial, B	scavenger receptor, adhesion, aggregation	collagen (I, IV, V), thrombospondin, oxidized LDL
CD37	gp52-40, Tspan-26		mature B	associates with CD53, CD81, CD82, MHC class II, T-B interaction	
CD38	T10, ADP-ribosyl cyclase, gp45	42	majority of hematopoietic cells, plasma cells	regulates cell activation and proliferation, adhesion	CD31
CD39	Entpd1	70-100	T^{act}, microglia, endothelial, Treg subset, B, Langerhans cells, monocytes	ecto-nucleoside trisphosphate diphosphohydrolase	nucleoside tri- and diphosphates
CD40	gp39 receptor, Tnfrsf5	45-50kD	B, monocytes, macrophages, FDC, endothelial, epithelial, fibroblasts	T-B interaction, B costimulation, isotype-switching, survival	CD154
CD41	gpIIb, Itga2b	110-125	platelets, megakaryocytes	heterodimer with CD61, platelet activation and aggregation	fibrinogen, fibronectin, vWF, thrombospondin
CD42a	gpIX, gp9	22	platelets, megakaryocytes	complex w/ CD42b, c and d, platelet adhesion/ activation	vWF and thrombin
CD42b	gpIbα	145	platelets, megakaryocytes	complex w/ CD42a, c and d, platelet adhesion/ activation	vWF and thrombin
CD42c	gpIbβ	24	platelets, megakaryocytes	complex w/ CD42a, b, d, platelet adhesion/ activation	vWF and thrombin
CD42d	gpV	82	platelets, megakaryocytes	complex w/ CD42a-c	vWF and thrombin
CD43	Leukosialin, Ly-48, Spn, sialophorin	115 and 135	thymocytes, B^{act}, T, neutrophils, most leukocytes	multiple isoforms, adhesion, anti-adhesion	CD54
CD44	H-CAM, Pgp-1, Hermes Ag, Ly24	80-95	hematopoietic and non-hematopoietic cells, except platelets, hepatocytes, testis	adhesion, extravasation	hyaluronic acid
CD45	LCA, Ly-5, Ptprc	180-240	all leukocytes, not mature erythrocytes	tyrosine phosphatase, leukocyte differentiation/ activation, pan-leukocyte marker	
CD45.1	Ly5.1	180-240	All leukocytes in strains: SJL, DA, STS/A, RIII	tyrosine phosphatase, signal transduction	
CD45.2	Ly5.2	180-240	All leukocytes in strains: BALB/c, C3H, C57BL/6, DBA/1, DBA/2, AKR, A, 129	tyrosine phosphatase, signal transduction	
CD45R	B220	220	B, NK progenitors, NK^{act}, T^{act}	tyrosine phosphatase, signal transduction	
CD45RA			B, monocytes, T subset, medullary thymocytes	exon A isoform, tyrosine phosphatase, signal transduction	
CD45RB		200-240	T subset, B, monocytes, macrophages, DC	exon B isoform, tyrosine phosphatase, signal transduction	
CD45RC		200-240	T subset, B	exon C isoform, tyrosine phosphatase, signal transduction	
CD45RO		180	T^{act}, B^{act}, DC subset	tyrosine phosphatase, signal transduction	
CD46	MCP, membrane cofactor protein	41	broad expression	complement regulation, role in fertilization	C3b, C4b
CD47	IAP, Itgp, neurophilin	50	hematopoietic cells, epithelial, endothelial, fibroblasts, platelets	associates with β3 integrins, adhesion	thrombospondin
CD48	Blast-1, BCM-1, Sgp-60	45	broad expression on lymphocytes	adhesion, T costimulation	CD2, CD229
CD49a	VLA-1, Integrin α1, Itga1	180	T^{act}, endothelial	adhesion, signal transduction, heterodimer with CD29	collagen, laminin
CD49b	VLA-2, Integrin α2, Itga2	165	platelets, T subset, megakaryocytes, NK cells	adhesion, signal transduction, heterodimer with CD29	collagen, laminin
CD49c	VLA-3, Integrin α3, Itga3	125	B subset, T^{low}	adhesion, signal transduction, heterodimer with CD29	laminin, fibronectin, collagen
CD49d	VLA-4, Integrin α4, Itga4	150	T, B, monocytes	adhesion, signal transduction, heterodimer with CD29 or ITGB7 (integrin β7)	fibronectin, CD106, MAdCAM
CD49e	VLA-5, Integrin α5, Itga5	135	thymocytes, T^{act} , splenic B cells	adhesion, signal transduction, heterodimer with CD29	fibronectin
CD49f	VLA-6, Integrin α6, Itga6	120	memory T, thymocytes, platelets	adhesion, signal transduction, heterodimer with CD29 or CD104	laminin
CD50	ICAM3, ICAM5, Tlcn, TLN	130	brain, dopaminergic neurons, hematopoietic, endothelial, epidermal Langerhans cells	adhesion	CD11a/CD18
CD51	VitronectinR, Integrin αv, Itgav	125, 24	platelets, megakaryocytes, endothelial, osteoblasts, melanoma	adhesion, heterodimer with CD61	vitronectin, vWF, fibrinogen, thrombospondin
CD52	CAMPATH-1, CDw52, HE5	12	thymocytes, lymphocytes, monocytes, macrophages		
CD53	Tspan-25	35-42	leukocytes, DC, osteoblasts, osteoclasts	signaling, regulation of cell development, activation, growth and mortality	
CD54	ICAM1, Ly-47	85-110	endothelial, monocytes, $lymphocytes^{act}$	adhesion, T costimulation	CD11a/CD18, CD11b/ CD18, CD43
CD55	Decay Accelerating Factor, Daf	60-70	broad expression, erythrocytes	protection of cells from complement-mediated damage	C3b, C4, CD97
CD56	NCAM	20-185	neural tissue, multiple isoforms	adhesion, neuron development	CD56, heparin sulfate
CD57 (Hu)	B3gat1, HNK-1		not defined in mouse		
CD58 (Hu)	LFA-3		not defined in mouse		
CD59a	Protectin, MAC-inhibitor	19	leukocytes, erythrocytes, platelets, endothelial, epithelial	blocks membrane attack complex assembly	C8, C9
CD59b	Protectin, MAC-inhibitor		testis	blocks membrane attack complex assembly	C8, C9
CD60 (Hu)			not defined in mouse		
CD61	GPIIIa, Integrin β3, Itgb3	105	platelets, megakaryocytes, macrophages, endothelial	heterodimer with CD41 or CD51, adhesion	vitronectin, fibronectin, vWF, fibronogen
CD62E	E-selectin, ELAM-1, LECAM2	107-115	activated endothelium	leukocyte rolling and migration	sialyl Lewis X, ESL-1, CD162
CD62L	L-selectin, LECAM-1, sell, MEL-14, Ly-22	74 and 95	B, T, monocytes, granulocytes, NK, thymocytes	lymphocyte homing, leukocyte tethering and rolling	CD34, CD57, CD162, GlyCAM-1, MAdCAM-1
CD62P	P-selectin, selp, GMP-140, LECAM3, PADGEM	140	$platelets^{act}$, endothelial	adhesion, neutrophil rolling	CD162, Sialyl Lewis X
CD63	MLA1	53	$platelets^{act}$, monocytes, macrophages, neutrophils	mediates signal transduction, regulation of cell development, activation, growth and motility	
CD64	FcγRI	72	monocytes, macrophages, DC, $granulocytes^{act}$	phagocytosis, ADCC	IgG
CD65 (Hu)			not defined in mouse		
CD66a	Ceacam1, BGP-1, MHVR1	140-180	granulocytes, epithelial cells	adhesion	MHV S1 spike glycoprotein
CD68	Macrosialin, gp110	87-115	monocytes, macrophages, DC, neutrophils, basophils, eosinophils, mast cells, myeloid progenitor cells	lysosomal associated protein, promotes phagocytosis	oxidized LDL
CD69	Activation Inducer Molecule, VEA	35-39	T^{act}, B^{act}, NK^{act}, $granulocytes^{act}$, thymocytes, platelets	early activation marker, thymocyte development	
CD70	Ki-24, Tnfsf7	50, 70, 90, 160	B^{act}, T^{act}, cardiac myocytes	CD27 receptor, T and B costimulation	CD27
CD71	T9, Trfr	95	proliferating cells, reticulocytes, erythroid precursors	iron uptake, cell activation	transferrin
CD72	Lyb-2, Ly32	40-45	B, FDC, T subset, macrophages	associates with CD5, B costimulation	CD100
CD73	Nt5e	69	Treg, B subset, T subset, FDC, epithelial, endothelial	ecto-5'-nucleotidase, T costimulation, adhesion	
CD74	Ii, Ia-invariant chain	33-43	B, macrophages, DC	MHC class II traffic and function, antigen presentation	
CD75s	sialylated lactosamines		B subset, T subset	a-2,6-sialylated lactosamines (previously CDw75 and CDw76)	
CD77	Gb3		B, endothelial	apoptosis	verotoxin
CD79a	Igα, mb-1, Ly-54	33 and 45	B	BCR subunit, BCR expression and signaling	
CD79b	Igβ, B29	37	B	BCR subunit, BCR expression and signaling	
CD80	B7, B7-1, Ly-53	60	B^{act}, T^{act}, monocytes, macrophages, DC	costimulation, T-B interaction	CD28, CD152
CD81	TAPA-1	26	T subset, B, NK, thymocytes, DC, endothelial, fibroblast, macrophages	associates with CD19 and CD21, signaling, T costimulation	
CD82	Kai1, C33, IA4	50-53	PMNs, monocytes, T, B, epithelial, endothelial, fibroblasts	inhibits tumor cell mobility, signaling	
CD83	H315	43	DC, T^{act}, thymic stromal cells	regulation of T response, lymphocyte development	
CD84	SLAMF5, GR6	70-85	B, NK, thymocytes, T subset, monocytes	homophilic adhesion	
CD85k	Gp49b, Lilrb4	37	myeloid, monocytes, endothelial, macrophages, DC	inhibition of immune response	MHC Class I
CD86	B70, B7-2, Ly-58	80	monocytes, B^{act}, T^{act}, DC	T costimulation, T-B interaction	CD28, CD152
CD87	UPA-R, Plaur		T, NK, monocytes, neutrophils, endothelial	signal transduction, promotes plasmin formation	uPA
CD88	C5aR, C5r1	40	granulocytes, monocytes, DC, astrocytes, microglia	stimulates chemotaxis	C5a
CD90	Thy-1	18	thymocytes, T, myoblasts, epidermal cells, keratinocytes	neuron differentiation, adhesion, signal transduction, costimulation	CD11b/CD18
CD90.1	Thy-1.1	18	CD90 allele expressed by AKR/J, FVB/N and PL strains		
CD90.2	Thy-1.2	18	CD90 allele expressed by all other strains		
CD91	lrp1, A2mr	600	monocytes, macrophages, neurons, fibroblasts	lipid homeostasis, signal transduction	α2-macroglobulin, LDLs, HSP96
CD92 (Hu)			not defined in mouse		
CD93	AA4, C1qRp, Ly68	130-140	B cell progenitors, endothelial, megakaryoblasts, platelets	phagocytic complement C1q receptor	C1q, MBL2, SPA
CD94	Kp43, klrd1	43	NK, T subset	associates with NKG2, inhibits NK function	MHC class I HLA-E
CD95	Apo-1, Fas	35	thymocytes, $lymphocytes^{act}$, fibroblast, monocytes, neutrophil	apoptosis induction, immune system regulation	CD178
CD96	TACTILE, (T cell Activation Increased Late Expression)	160	T^{act}, NK^{act}	adhesion of activated T and NK	CD155
CD97	TM7LN1 TM7S		T^{act}, B^{act}, monocytes, macrophages, DC, granulocytes	adhesion, signaling	CD55
CD98	4F2hc, Ly-10, Slc3a2	80, 40	monocytes, proliferating cells	cell activation, amino acid transport	
CD99	Pilrl	19	leukocytes, endothelial, thymocytes	cell adhesion and migration	
CD100	Sema4d, semaphorinH	150	thymus, lymphoid and nervous tissues	cell migration and activation	CD72, plexin B1
CD101	Igsf2	131	monocytes, DC, T subset, Treg subset	inhibits T-cell proliferation induced by CD3	
CD102	ICAM2, Ly-60	55-65	lymphocytes, monocytes, platelets, endothelial	adhesion, costimulation	CD11a/CD18
CD103	HML-1, Integrin αIEL, Itgae	150	IEL, BM, mast cells, $lymphocytes^{act}$, Treg subset	heterodimer with integrin β7, lymphocyte homing	E-Cadherin
CD104	β4 integrin, Itgb4	220	epithelial, endothelial, immature thymocytes, Schwann cells, keratinocytes	heterodimer with CD49f, cell adhesion/migration, differentiation, tumor metastasis	laminin
CD105	Endoglin, Eng	95	endothelial, BM cell subset	adhesion, embryonic angiogenesis	TGF-β
CD106	VCAM-1	110	$endothelial^{act}$, FDC, BM, myeloid	adhesion/migration, costimulation, binds LPAM-1	CD49d/CD29, CD49d/β7
CD107a	LAMP-1	120	$platelets^{act}$, T^{act}, $endothelial^{act}$	adhesion, metastasis, degranulation	galectin-3, CD62L, C62E, CD62P
CD107b	LAMP-2	110	$platelets^{act}$, T^{act}, $endothelial^{act}$	adhesion, metastasis, degranulation	galectin-3, CD62L, C62E, CD62P
CD108	Sema7a	80	erythrocytes, lymphoblasts	putative role in inflammation	CD232
CD109	Gov platelet alloantigen, GARP	158	evidence at the transcript level		
CD110	Tpo-R, c-mpl	82-84	megakaryocytes, platelets	megakaryocyte differentiation	thrombopoietin
CD111	PRR1, Nectin-1, Pvrl1	64-72	fibroblasts, epithelial, endothelial, neurons	cell adhesion	HSV, CD113
CD112	PRR2, Pvs, Nectin-2, Pvrl2	64-72	CD34+ subset, megakaryocytes, endothelial, epithelial	cell adhesion	HSV, CD111, CD113
CD113	Pvrl3, Nectin3	100	broad expression, epithelial	adhesion molecule, interacts with afadin	CD111, CD112
CD114	G-CSFR, Csfgr, Csf3r	95, 139	granulocytes, neutrophils, monocytes, DC, platelets	myeloid proliferation and differentiation	G-CSF
CD115	M-CSFR, c-fms, Csf1r	150	DC, monocytic progenitors, osteoclasts	monocytic lineage proliferation/ differentiation, osteoclast differentiation	M-CSF
CD116	GM-Csf2rα	70-85	monocytes, granulocytes, DC, endothelial	myeloid proliferation and differentiation	GM-CSF
CD117	c-kit, Steel factor	145	hematopoietic stem and progenitors, neural crest-derived melanocytes, primordial germ cells, mast cells	hematopoietic progenitor development/ differentiation, mast cell activation	SCF
CD118	LIFR	190	epithelial cells in adult and embryo	associates with CD130, signal transduction, soluble form inhibits activity of LIF	LIF
CD119	IFNγR, ifyr1, Ifnyr	90-100	macrophages, monocytes, B, T, NK, neutrophils, endothelial, epithelial, fibroblasts	associates with IFN-γ AF-1, host defense	Ifn-γ
CD120a	TNFR1, p55, Tnfrsf1a	50-60	hematopoietic, non-hematopoietic cells	mediates pro-inflammatory cellular responses, programmed cell death and anti-viral activity	TNF-α, TNF-β
CD120b	TNFR2, p75, Tnfrsf1b	75-85	hematopoietic, non-hematopoietic cells	mediates pro-inflammatory cellular responses, programmed cell death and anti-viral activity	TNF-α, TNF-β
CD121a	IL-1R1	80	hematopoietic, non-hematopoietic cells	IL-1 signaling	IL-1α, IL-1β, IL1ra
CD121b	IL-1R2	68	B, macrophages, monocytes, T subset (Th2), epidermis	IL-1 signaling, decoy receptor for IL-1b	IL-1α, IL-1β, IL1ra
CD122	IL-2Rβ p70	90-110	NK, T, B, monocytes	associates with CD25, CD132 and CD215, signal transduction	IL-2, IL-15
CD123	IL-3Rα	70	lymphocyte subset, basophils, hematopoietic progenitors, macrophages, DC, megakaryocytes	associates with CD131	IL-3
CD124	IL-4Rα	140	mature T and B, hematopoietic precursors, fibroblast, epithelial, endothelial	associates with CD132 and IL-13Rα, T cell growth/ differentiation	IL-4, IL-13
CD125	IL-5Rα	60	eosinophils, basophils, B, mast cells	associates with CD131	IL-5
CD126	IL-6Rα	80	B^{act}, T, monocytes, fibroblasts	associates with CD130	IL-6
CD127	IL-7Rα	65-75	T, B cell precursors, thymocytes	associates with CD132, B and T cell development	IL-7
CD128	see CD181 and CD182				
CD129	IL-9Ra		T, B, erythroid and myeloid precursors, mast cells, macrophages, epithelial	associates with CD132, B and T cell development	IL-9
CD130	IL-6Rβ, gp130, IL6ST	130	B^{act}, plasma cells, T, monocytes, endothelial	associates with CD126, LIF-R, OSMRb, signal transduction	oncostatin M, IL-6, LIF
CD131	IL-3R, Csf2rb	95-120	monocytes, granulocytes, early B	associates with CD123, CD125, CD116, signal transduction	
CD132	Common γ, IL2rg	64	T, B, NK, monocytes, macrophages, granulocytes	associates with CD25, CD122, CD124, CD127, CD129, and CD215, signal transduction	
CD133	Prominin-1	115-120	primitive cells like hematopoietic progenitors, neural, retina, epithelial		
CD134	OX-40, Ly-70, Txgp1, Tnfrsf4	48-50	T^{act}	T cell activation, differentiation, apoptosis	CD252
CD135	Flt3, Flk-2	130-150	myelomonocytic, primitive B progenitors	receptor tyrosine kinase, early lymph development	FLT3 ligand
CD136	STK, Mst1r, RON	180	hematopoietic cells	migration, morphological change and proliferation of different target cells	MSP
CD137	4-1BB, Tnfrsf9	30	T^{act}	T costimulation	4-1BB ligand
CD138	syndecan-1, Sdc1	80-150	epithelial, plasma cells, pre-B, neurons	cell morphology, adhesion and migration	ECM
CD139 (Hu)			not defined in mouse		
CD140a	PDGFRα	180	fibroblasts, glial cells, chondrocytes, mesenchymal cells, monocytes, endothelial, osteoblasts	proliferation, differentiation, signaling	PDGF-A, PDGF-B, PDGF-C
CD140b	PDGFRβ	180	mesenchymal, endothelial, stromal cells	proliferation, differentiation, signaling	PDGF-B
CD141	Thbd	100	monocytes, neutrophils, endothelial, keratinocytes, megakaryocytes, platelets	initiation of protein C anticoagulant signal	thrombin
CD142	TF, factor III, F3	45	epidermal keratinocytes, glomerular epithelial cells, astrocytes, Schwann cells	initates blood coagulation cascades	clotting factor VIIa
CD143	ACE	170	endothelial	angiotensin converting enzyme	angiotensin I, bradykinin
CD144	Cadherin5, VE-Cadherin, Cdh5	130	endothelial, stem cell subset	homophilic cell adhesion molecule	CD144
CD146	muc18, S-endo, MCAM	130	embryonic tissue, mammary tumors	cell adhesion during development	
CD147	Neurothelin, basigin, Bsg	55-65	$leukocytes^{act}$, erythrocytes, platelets, endothelial	adhesion, regulation of T cell function	
CD148	HPTP-eta, M4, M56	240-260	hematopoietic cells, monocytes, granulocytes, DC, T^{act}	cell growth, differentiation	
CD150	SLAM, IPO-3	75	T^{act}, B, DC, endothelial, hematopoietic stem cells	costimulation, proliferation, Ig production, T and B cell activation	CD150
CD151	Peta-3, Sfa-1	32	endothelial, megakaryocytes, platelets	cell adhesion, associates with integrins	
CD152	CTLA-4, Ly-56	33	T^{act} and B	negative regulation of T cell activation	CD80, CD86
CD153	CD30L, Tnfsf8	40	T^{act}, $macrophages^{act}$, neutrophil, B	T costimulation	CD30
CD154	CD40L, gp39, Ly-62, Tnfsf5	32-39	T^{act}, platelets, macrophages, DC	B and DC costimulation	CD40
CD155	PVR	80-90	monocytes, macrophages	cell migration and adhesion, associates with CD113	polio virus, CD96
CD156a	Adam8, Ms2	69	monocytes, macrophages	metalloprotease, leukocyte extravasation	
CD156b	TACE/ ADAM 17	100	T, neutrophils, endothelial, monocytes, DC, macrophages, polymorphonuclear leukocytes, myocytes	zinc metalloprotease, TNF converting enzyme	
CD156c	Adam10, Kuz, Madm	60	neural precursors, fibroblasts, leukocytes	proteolytic cleavage of cell-surface molecules including Notch, TNF-α, APP and ephrin-A2	
CD157	Bst-1, Ly-65, Bp3	38-48	granulocytes, monocytes, early B, T subset, BM stroma	ADP-ribosyl-cyclic ADP-ribose hydrolase, pre-B growth	
CD158	Kir2dl1	55	evidence at the transcript level		
CD159a	Nkg2a, Klrc1	43	NK, NKT	associates with CD94, inhibitory signaling	Qa-1
CD159c	Nkg2c, Klrc2		NK, NKT	associates with CD94, stimulatory signaling	Qa-1
CD160	By55	27	NK subset, T subset	costimulation	classical and non classical MHC class I
CD161a	Klrb1a, Ly55, Ly55a, Nkrp1a		evidence at the transcript level		
CD161b	Klrb1b, Ly55b, Nkrp1b	40	NK, NKT	inhibition of NK cytotoxicity	
CD161c	NKR-P1c, Ly-55, NK1.1	40	NK, T subset of NK1.1 strains	stimulatory role for NK cytotoxicity	
CD162	PSGL-1, Slp1	120	monocytes, granulocytes, most lymphocytes, HSC	leukocyte adhesion, rolling	CD62P, CD62E, CD62L
CD162R (Hu)	PEN-5		not defined in mouse		
CD163	M130	100-130	peritoneal macrophages	clearance and endocytosis of hemoglobin/ haptoglobin complexes	
CD164	Mgc-24, A115, A24	80	various adult and embryonic tissues	hematopoietic progenitor-stroma interaction, differentiation	
CD165			not defined in mouse		
CD166	ALCAM	105	neurons, monocytes, epithelial, fibroblasts, T^{act}	migration, adhesion	CD6
CD167a	Ddr1, Cak, Eddr1, Mpk6	120	epithelial, myoblasts, brain, early marker neuroectoderm	tyrosine kinase, adhesion	collagen
CD168	Hmmr, Ihabp, Rhamm	70-73	ubiquitously expressed	associates with CD44, mediates hyaluronan-specific motility, adhesion, cell locomotion, tumor metastasis	
CD169	sialoadhesin, Sn, Siglec-1	185	tissue macrophage subset	adhesion, cell-cell and cell-matrix interactions	CD43, CD206, CD227
CD170	Siglec-5, CD33-like2, Siglec-F		evidence at the transcript level		
CD171	L1cam, Caml1	200-210	CNS, PNS, glial cells, monocytes, T subset, B, DC, lymph node reticular fibroblasts, some epithelial	development of the nervous system, homotypic adhesion, migration	CD9, CD24, CD56, CD142, CD166, CD171, neurocan, phosphocan, laminin
CD172a	SIRPα, Ptpns1	110	DC, stem cells, macrophages, monocytes, granulocytes	adhesion, signal transduction	CD47
CD172b	SIRPβ	60-90	myeloid cells	promotes phagocytosis by macrophages	
CD172g (Hu)	SIRPγ		not defined in mouse		
CD173-CD176 (Hu)			not defined in mouse		
CD177	NB1, Pdp3	56-62	neutrophil subset (surface and intracellular), basophils, NK, T subset, monocytes, endothelial		
CD178	Fas Ligand, CD95L, TNFSF6	38-42	T^{act}, testis	induces CD95-mediated apoptosis, immune privilege, soluble form in serum	CD95
CD179a	Vpreb1	16	pro- and early pre-B	B cell differentiation/signaling, associates with CD179b and IgM	
CD179b	Igll1	22	pro- and early pre-B	B cell differentiation/signaling, associates with CD179b and IgM	
CD180	Ly78, Rp105	95-105	B, monocytes, DC	B cell activation, LPS signaling, associates with MD-1	
CD181	CXCR1, IL-8Rα	39	neutrophils, basophils, NK, T subset, monocytes	neutrophil chemotaxis, phospholipase D activation, repiratory burst	IL-8
CD182	CXCR2, IL-8Rβ	40	neutrophils, basophils, NK, T subset, monocytes	chemotaxis of neutrophils	IL-8, GRO-α, β, γ and NAP-2
CD183	CXCR3, Cmkar3, gpr9	40	T^{act} (Th1), NK, eosinophils, GM-CSF activated hematopoietic progenitors	T recruitment to inflammatory sites, allograft destruction	CXCL9, CXCL10, CXCL11
CD184	CXCR4, Cmkar4, Fusin/LESTR, sdf1r, HUMSTR	45	T subset, B, DC, monocytes, endothelial	embryogenesis, lymphocyte migration, B development	CXCL12 (SDF-1)
CD185	CXCR5, BLR1	45	resting B, T, skin-derived DC , monocytes	cell migration	CXCL13
CD186	CXCR6	40	T subset, B subset, NK subset	recruitment of activated T cells to the sites of inflammation	CXCL16
CD191	CCR1, MIP-1αR, RANTES-R, cmkbr1	39	neutrophils, monocytes, lymphocytes, eosinophils, osteoclasts	chemotaxis of leukocytes	CCL3, CCL5, CCL7, CCL8, CCL9, CCL10, CCL13, CCL15, CCL16, CCL23
CD192	CCR2, MIP-1αR, cmkbr2	40	T subset, monocytes, B	chemotaxis of leukocytes	CCL2, CCL7, CCL8, CCL12, CCL13
CD193	CCR3, MIP-1αRL2	45	eosinophils, basophils, T subset	chemotaxis of leukocytes	CCL5, CCL7, CCL8, CCL11, CCL13, CCL15, CCL24, CCL26
CD194	CCR4		T subset, B, macrophages	chemotaxis of leukocytes	CCL17, CCL22
CD195	CCR5, Cmkbr5	45	monocytes, macrophages, immature DC	chemotaxis of leukocytes	CCL3, CCL4, CCL5, CCL8
CD196	CCR6, KY411	45	B, T subset, DC subset	chemotaxis	CCL20
CD197	CCR7, Cmkbr7	45	T subset, B subset, DC subset	chemotaxis, migration	CCL19, CCL21
CDw198	CCR8, TER1	50	monocytes, macrophages, neutrophils, T subset	chemotaxis, migration	CCL1
CDw199	CCR9, CMKBR10	43	thymocytes, T subset	chemotaxis, migration	CCL25
CD200	OX-2	45-50	thymocytes, endothelial, B^{act}, T^{act}	inhibition of immune response	OX-2R
CD200R	OX-2R	48	myeloid lineage cells	inhibitory receptor, inhibits TNFα secretion	CD200
CD201	Procr, EPCR	25	endothelial, stem cell subset	regulation of coagulation	protein C
CD202b	Tie2, Tek	140	endothelial, stem cell subset	receptor tyrosine kinase involved in angiogenesis	angiopoietin-1
CD203c	ENpp1, PC-1, TWY	115	basophils, mast cells, glioma cells, CD34+ progenitor cells	ectoenzyme, binding to and clearance of extracellular nucleotides	nucleotides
CD204	Msr1, Scvr	220	macrophages	endocytosis of macromolecules	LDL
CD205	DEC-205, Ly75	205	DC, thymic epithelial, BM stroma	endocytic receptor for antigen / processing	
CD206	Mrc1	180	macrophages, monocytes, DC subset	phagocytosis and pinocytosis of mannose containing molecules	oligomannose-containing carbohydrates
CD207	Langerin, Clec4k	40	Langerhans cells, DC	endocytic receptor	mannose-bearing glycoproteins and glycolipids
CD208	DC-LAMP, Lamp3	70-90	DC^{act}, interdigitating DC	putative role in sorting MHC Class II	
CD209a	DC-SIGN, CIRE	44	DC subset	probable pathogen-recognition receptor	
CD209b	SIGN-R1		DC subset	probable pathogen-recognition receptor	ICAM3
CD209c			evidence at the transcript level	probable pathogen-recognition receptor	
CD209d			evidence at the transcript level	probable pathogen-recognition receptor	
CD209e			evidence at the transcript level	probable pathogen-recognition receptor	
CD210	IL-10ra		T, B, NK, monocytes, macrophages	signaling	IL-10
CDw210b	IL-10rb		T, B, NK, monocytes, macrophages		IL-10, IL-22
CD212	IL-12Rβ1, Il12rb1	100	T^{act}, NK^{act}	associates with IL-12 receptor β2	IL-12
CD213α1	IL-13Rα1, NR4	65	B, monocytes, fibroblasts, endothelial	associates with CD124	IL-13
CD213α2	IL-13Rα2	65	B, monocytes, fibroblasts, endothelial	signaling	IL-13
CD215	IL-15Rα		T, B	associates with CD132 and CD122	IL-15
CD217	IL-17R	120	B, T, NK, granulocytes, monocytes, macrophages, DC	involved in inflammation	IL-17
CD218a	IL-18Rα, IL1Rrp	70	lymphocytes, neutrophils, monocytes, granulocytes, endothelial, NK	associates with CD218b	IL-18
CD218b	IL-18Rβ, IL18Rap	70	T, NK, DC	associates with CD281a to enhance IL-18 binding	IL-18
CD220	InsulinR, Insr	140 and 70	leukocytes, fibroblasts, endothelial, epithelial	signaling	insulin
CD221	IGF-1R	140 and 70	broad expression	signaling, cell proliferation, differentiation	IGF-I, IGF-II, insulin
CD222	IGF-II R, Igf2r	220-250	fibroblasts, granulocytes, lymphocytes and myocytes, 90-95% intracellular	adhesion, tumor growth	TGFβ-LAP, plasminogen, proliferin, LIF, IGFII
CD223	LAG-3	70	T^{act}, NK^{act}	lymphocyte activation	MHC class II
CD224	Ggt1, Ggtp	27, 68	lymphocytes, monocytes, granulocytes, endothelial, stem cells	maintain cellular redox, maintains intracellular glutathione (GSH) concentrations	
CD225	Ifitm1, fragilis2, Mil2	12	primordial germ cells	adhesion, differentiation, interferon-induced transmembrane protein 1	
CD226	Pta-1		Th1, CD8 T, platelets	platelet activation, T differentiation, costimulation, Th1 function	
CD227	Muc1, EMA	300	lymphocytes, stem cell subset, epithelial	adhesion, signaling	
CD228	Melanotransferrin, Mfi2		evidence at the transcript level	iron transport	
CD229	Ly-9	95, 110	T, B	adhesion, costimulation, homophilic interaction	CD229
CD230	Prion protein, PrnP	35	brain, lung, kidney, heart tissue	may play a role in neuronal development and synaptic plasticity	
CD231	Tspan7		evidence at the transcript level		
CD232	VESP-R, Plxnc1	200	DC, skin Langerhans cells, neutrophils	associates with CD108	poxvirus-encoded semaphorin protein
CD233	Bnd3, Slc4a1	90	erythrocytes	anion pump, CO2 transport, major integral glycoprotein of the erythrocyte membrane	
CD234	Duffy, Dfy, DARC		evidence at the transcript level	chemokine decoy receptor	
CD235a	Glycophorin A, Gypa	36	erythrocytes	membrane sialoglycoprotein of erythrocytes	
CD238	Kell blood group, Kel	110	erythrocytes	zinc endopeptidase	
CD239	Bcam, Lu		evidence at the transcript level	adhesion, signaling	laminin a5 chain
CD241	Rh50, Rhag		evidence at the transcript level	transport or channel function in the erythrocyte membrane	
CD242	ICAM4	42	erythrocytes	adhesion	CD11a/CD18, CD11b/ CD18, CD51, β1 and β5 integrins
CD243	MDR-1, Abcb1, Pgp	170	T subset, stem cells	ATP-dependent efflux transporter	
CD244	2b4, Ly-90, Nmrk	78	T subset, monocytes, basophils, NK	NK activation, T costimulation	CD48
CD246	Alk		evidence at the transcript level	orphan receptor with tyrosine kinase activity	
CD247	TCRζ, cd3ζ	16	T, NK subset	TCR complex subunit, coupling of antigen recognition to signaling	
CD248	Tem1, Endosialin	175	endothelial tissue, stromal fibroblasts	may function in angiogenesis	
CD249	Enpep		early B lineage, epithelial, endothelial	B lineage growth and differentiation, role in renin-angiotensin system	
CD252	OX-40 Ligand, gp34, Tnfsf4	35	B, DC, mast cells, endothelial, cardiac myocytes	T-B interaction, T costimulation	CD134
CD253	Trail, Apo-2L, Tnfsf10		evidence at the transcript level	induces apoptosis	CD261, CD262, CD263, CD264
CD254	Trance, Rankl, Opgl, Tnsf11	35	T, osteoblasts	osteoclast differentiation, enhances DC stimulation of naïve-T proliferation	CD265, OPG
CD255	Tweak, Tnfsf12		endothelial cells, smooth muscle cells, fibroblasts	can induce apoptosis, can promote angiogenesis	CD266
CD256	April, Tnfsf13	16	monocytes, macrophages, leukocytes, myeloid cells	B proliferation, apoptosis	CD267, CD269
CD257	BLyS, Baff, Tnfsf13b	45	DC, $monocytes^{act}$, B, macrophages, myeloid cells	B cell growth factor and costimulator of Ig production	CD267, CD269
CD258	Light, Tnfsf14	28	T^{act}, $monocytes^{act}$	induces T proliferation	CD270, LTbR
CD261	Trail-R1, Dr4, Tnfrsf10a	57	T^{act}, peripheral blood leukocytes	induces apoptosis via FADD and caspase-8	CD253
CD262	Trail-R2, Dr5, Killer, Tnfrsf10b		widely expressed, leukocytes	induces apoptosis via FADD and caspase-8	CD253
CD263	Trail-R3, DcR1, Tnfrsf10c	65	T, B, NK, macrophages, monocytes, granulocytes	inhibits CD253 mediated apoptosis	CD253
CD264	Trail-R4, DcR2, Tnfrsf10D	35	T, B, NK, macrophages, monocytes, granulocytes	decoy receptor, inhibits apoptosis	CD253
CD265	Rank, Tnfrsf11a	97	broad expression, DC, osteoclasts	osteoclastogenesis, T-DC interactions	CD254
CD266	Tnfrsf12a, Fn14	14	vascular endothelial and epithelial cells, keratinocyte	cell-matrix interactions and endothelial growth and migration	CD255
CD267	Taci , Tnfrsf13b	32	B, myeloma	involved in the stimulation of T cell function	CD256, CD257
CD268	Baffr, Bcmd, Tnfrsf13c	25	T subset, B	mature B survival	CD257
CD269	Bcma, Tnfrsf17	20	mature B (membrane and perinuclear), plasma cells	B survival and proliferation	CD256, CD257
CD270	Tnfrsr14, Hvem	30	T, monocytes, DC	stimulatory and inhibitory signaling	CD258, CD272, HSV-1, HSV-2
CD271	Ngfr, Tnfrsf16, p75 (NTR), Ngfrap1	45	neurons, mesenchymal stem cells	can mediate cell survival as well as cell death	NGF, BDNF, NT-3, NT-4
CD272	Btla	33	T, B , BM, macrophages, DC	attenuation of T-cell activation	CD270, LTbR
CD273	B7dc, Pdl2, Pdcd1lg2	25	DC subset, monocytes, macrophages	costimulation or suppression of T proliferation	CD279
CD274	B7h1, Pdcd1l1, Pdcd1lg1, Pdl1	33	DC^{act}, B, macrophages	costimulation or suppression for T cells	CD279
CD275	Icoslg, B7h2, B7rp1, Icosl	40	T, B, DC, macrophages	costimulation, cytokine production	CD278
CD276	B7h3	40-45	epithelial, NK, $monocytes^{act}$, B, T, DC subset	regulation of T-cell-mediated immune response	
CD277 (Hu)	BT3.1		not defined in mouse		
CD278	Icos	55-60	T^{act}, Th2	T costimulation	CD275
CD279	Pdcd1, Pd1	55	thymocytes, T^{act}, B^{act}	associated with apoptotic programmed cell death and the inhibition of T cell proliferation	CD273, CD274
CD280	Endo180, Uparap, Mrc2	180	chondrocytes, osteoclasts, osteocytes, endothelial, macrophages	collagen matrix remodeling and endocytic recycling	collagen
CD281	Tlr1	90	DC, keratinocytes, macrophages, monocytes, neutrophils (intracellular)	pathogen recognition, activation of innate immunity, associates with CD282	lipoprotein, lipopeptide
CD282	Tlr2	90	monocytes, macrophages, granulocytes, keratinocytes, DC, neutrophils	pathogen recognition, activation of innate immunity, associates with CD281 or CD286	lipoproteins and glycans
CD283	Tlr3	120	fibroblasts, epithelial, myeloid DC (may be intracellular)	pathogen recognition, activation of innate immunity	ds RNA
CD284	Tlr4	100	macrophages, monocytes, epithelial, endothelial	innate immune response to bacterial LPS, associates with MD2 and CD14	LPS
CD286	Tlr6	85	leukocytes, monocytes, DC	pathogen recognition, activation of innate immunity	bacterial diacyl-lipopeptides
CD288	Tlr8		macrophages, DC subsets, pDC, leukocytes	pathogen recognition, activation of innate immunity	GU-rich RNA
CD289	Tlr9	120	DC subset (intracellular)	pathogen recognition, activation of innate immunity	CpG DNA
CD292	Bmpr1a, Acvrlk3, Bmpr	57	bone progenitor cells, chondrocytes, epithelial	bone development	BMP-2, BMP-4
CD293	Bmpr1b, Acvrlk6	57	epithelial, mesenchymal and bone progenitor cells	bone development	BMP-7, GDF5
CD294	Gpr44, Crth2	55-70	Th2, eosinophils, basophils	stimulatory effects on Th2, allergic inflammation	binds prostaglandin D2
CD295	LeptinR, Lepr	132	hematopoietic cells	adipose metabolism, may be involved in immune dysfunction in obesity	leptin
CD296	Art1, Art2	37	heart and skeletal muscle,T , NK subset, neutrophils, epithelial	ADP ribosylation of target proteins, associates with PDGFβ, integrins and defensin	
CD297	Art4	38	erythrocytes, erythroblasts, $monocytes^{act}$	ADP ribosylation of target proteins	
CD298	Atp1b3	52	all leukocytes	transports sodium and potassium ions across membrane	
CD299 (Hu)	DC-SIGN-related		not defined in mouse		
CD300a	Clm8, Lmir1, Mcpir1	35	myeloid cells, B subset	proposed inhibitory receptor	
CD300b	Irem3, Lmir5		myeloid cells, mast cells	proposed activating receptor	
CD300c	Clm6		evidence at the transcript level		
CD300e	Clm2		evidence at the transcript level	proposed activating receptor	
CD300f	Clm1, Lmir3		myeloid cells, mast cells	inhibitory receptor for myeloid cells and mast cells	
CD301 (Hu)			not defined in mouse		
CD302	Clec13a	30kD	macrophages, monocytes, DC	endocytic receptor for glycosylated antigens	
CD303 (Hu)	BDCA-2, CLECSF11, DLEC, HECL		not defined in mouse		
CD304	BDCA4, Neuropilin 1, Nrp1	130	neurons, CD4+/CD25+ Treg, DC, endothelial	angiogenesis and cell survival, migration and invasion	semaphorin-3A, vascular endothelial growth factor A, plexin-1
CD305	Lair1	32-40	NK, B, T, monocytes, DC	inhibitor of cell function	
CD306 (Hu)			not defined in mouse		
CD307a			evidence at the transcript level	may function as an activating coreceptor in B cells and in B cells activation and differentiation	
CD309	Flk1, Kdr	230	endothelial, megakaryocytes, platelets, primitive stem cell subsets	regulates adhesion and cell signaling, angiogenesis	VEGF
CD312 (Hu)	EMR2		not defined in mouse		
CD314	Nkg2d, Klrk1	42	NK, T subset, macrophages	cytolysis and cytokine production, costimulatory	MHC class I, Rae1 and ULBP4
CD315	Ptgfrn, Fprp	135	B subset, $monocytes^{act}$, endothelial, epithelial	associates with CD81 and CD9, regulates cell motility and polarity	
CD316	Igsf8, Ewi2, Kct4, Pgrl	63-75	B, T, NK	associates with CD81 and CD9	
CD317	Bst2, PDCA-1	30-36	pDC, plasma cells, T, monocytes, NK	growth and development of B cells	
CD318	Cdcp1, CUB domain containing protein 1	92	evidence at the transcript level	may be involved in cell adhesion and cell matrix association	
CD319	Slamf7	66	evidence at the transcript level	regulates T and NK cells	
CD320	8D6A, 8D6		evidence at the transcript level	development of germinal centers and proliferation of B cells	
CD321	F11r, Jam1, Jcam, Jcam1	32-41	epithelial, endothelial, platelets, neutrophils, monocytes, lymphocytes	formation of tight junctions	CD11a/CD18, reovirus
CD322	Jam2, Vejam	45	HEV, endothelial, B, monocytes and T subset	mediates transendothelial migration of lymphocytes	
CD324	Cdh1, E-Cadherin	120	non-neural epithelial, erythroblasts, keratinocytes, trophoblasts, platelets	cell adhesion, homotypic interaction	CD103, PS1, catenins, internalin
CD325	N-Cadherin, Cadherin-2, Cdh2	140	neurons, skeletal and cardiac muscle, epithelial, fibroblasts	adhesion, complex with catenins that is linked to the actin cytoskeleton	N-Cadherin, catenins, FGFR, PS1
CD326	EpCAM, EGP, Ly-74, Tacstd1	40	epithelial	cell adhesion molecule	CD305, CD326
CD327 (Hu)	Siglec6		not defined in mouse		
CD328 (Hu)	Siglec7		not defined in mouse		
CD329 (Hu)	Siglec9, Siglecl1		not defined in mouse		
CD331	Fgfr1, Flt2	30	fibroblasts, epithelial	cell division, regulation of cell growth and maturation, formation of blood vessels	aFGF, bFGF
CD332	Fgfr2, Bek, Ect1	115-135	fibroblasts, epithelial, ectoderm of embryo	embryonic limb development, cell division, regulation of cell growth and maturation	aFGF, bFGF
CD333	Fgfr3, Mfr3, Sam3	115	fibroblasts, epithelial	cell division, regulation of cell growth and maturation, formation of blood vessels	aFGF, bFGF
CD334	Fgfr4, TKF	110	lymphocytes, macrophages, fibroblasts, skeletal muscle cells, epithelial	cell division, regulation of cell growth and maturation, formation of blood vessels	aFGF, bFGF
CD335	Ncr1, NKp46, Ly-94, MAR1	46	NK	delivers activating signals via association with CD3ζ	viral HA, heparan sulfate proteoglycans
CD336 (Hu)	NKp44		not defined in mouse		
CD337	Ncr3, IC7, Ly117		not defined in mouse		
CD338	Abcg2, Mxr, Abcp, Bcrp1	73	stem cell subset (side population)	multi-drug resistance transporter	
CD339	Jag1, Serrate1	135	BM stroma and epithelial cells	cell fate decisions during hematopoiesis	Notch 1, Notch 2, Notch 3
CD340	ErbB-2, c-neu, HER2	185	fetal heart, gonads, adult- uterine epithelial cells and in synaptic sites of muscle fibers	member of the ERBB family of receptor tyrosine kinases; involved in a wide range of cellular responses.	
CD344	Frizzled-4, F24, Fzd4	59	adult kidney, lung, brain, liver, neuronal progenitor cells	activation of the Wnt/β-catenin pathway	Wnt, norrin
CD349	Frizzled-9, Fzd9	65	selectively expressed in the developing embryo and adult	activation of the Wnt/β-catenin pathway	Wnt-2, Wnt-7a.
CD350	Frizzled-10, Fzd10	64	embryonic and adult tissue	activation of the Wnt/β-catenin pathway	Wnt
CD351	Fcamr		oligodendrocytes, B, macrophages, T, NK		IgM, IgA
CD352	Slamf6, Ly108		T, B, NK	enhances NK activity	
CD353	Slamf8, Blame		evidence at the transcript level	possible role in B-lineage commitment or modulation of BCR signaling	
CD354	Trem1		monocytes, macrophages, neutrophils, granulocytes, DC, NK		Necl-2
CD355	Crtam		NK^{act}, CD8 T^{act}, B	adhesion	
CD357	Tnfrsf18, Gitr		T^{act}, Treg	participates in dominant immunological self-tolerance	TNFSF18
CD358	Tnfrsf21, Dr6		hematopoietic and non-hematopoietic cells, tumor cells	apoptosis	APP
CD360	IL-21R, Nilr		evidence at the transcript level	associates with CD132, activation, proliferation, development, apoptosis	IL-21
CD361	Evi2b		widely expressed in hematopoietic cells		
CD362	Sdc2, Hspg1, Synd2		evidence at the transcript level	adhesion, migration	CD267
CD363	S1pr1, Edg1, Lpb1, S1p1		evidence at the transcript level	adhesion, migration, cytoskeletal organization	S1P

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