Human CD Antigens















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CD1a	Alternate Names MW T6, Leu-6, R4, 49 kDa HTA1		Function Antigen presentation with β-2-microglobin	Ligand/Receptor CD1-restricted TCR		CEA, CEACAM5	MW Distribution 180–200 Colon epithelial cells, colon cancer kDa	Function Adhesion	Ligand/Receptor CD66a, CD66c, CD66e	Antigen CD158k	Alternate Names KIR3DL2		NK subset, T subset	Function Inhibition of NK cell cytolytic activity, MHC class I-specific NK receptor	Ligand/Receptor	CD274	B7-H1, PD-L1 B7-H2, ICOSL, B7-	33 kDa Leukocy	cytes, broad	Function Co-stimulation of lymphocytes Co-stimulation, cytokine production	CD279 CD278
CD1b		DC	Antigen presentation with β-2-microglobin Antigen presentation with β-2-microglobin		CD66f	7 1	54–72 Pregnancy-specific glycoprotein, kDa placental syncytiotrophoblasts, fetal live 110 kDa Intracellularly in monocytes,	Immune regulation, protects fetus from maternal immune system Scavenger receptor, antigen processing,	- Oxidized LDL	CD158z CD159a	KIR3DL3 NKG2A			Inhibition of NK cell cytolytic activity, MHC clas I-specific NK receptor With CD94, NK cell receptor	HLA-E	CD276			o cultured DC and monocytes, Tact, mary tissue	Co-stimulation, T activation	-
CD1d	M241	DC, B subset	Antigen presentation with β-2-microglobin			, , , , , , , , , , , , , , , , , , , ,	macrophages, neutrophils, basophils, large lymphocytes, mast cells, DC, myeloid progenitors, liver			CD159c	NKG2C	40 kDa	NK	With MHC class I HLA-E molecules, forms heterodimer with CD94	HLA-E	CD277		56 kDa T, B, NK	NK, monocytes, DC, endothelial CD34+ cells, tumor cell lines,	T activation	-
CD1e CD2	R4 28 kDa T11, LFA-2, SRBC-R 50 kDa	DC Thymocytes, T, NK	Antigen presentation with β-2-microglobin Adhesion, T-cell activation	- CD58	CD69		28, 32 T ^{act} , B, NK, granulocytes, thymocytes, kDa platelets, Langerhans cells 50, 70, B ^{act} , T ^{act}	Signal transduction T and B cell co-stimulation	- CD27	CD160 CD161 CD162	BY55 NKR-P1A PSGL-1	40 kDa	T subset, NK	NK cell-mediated cytotoxicity	HLA-C - CD62P, CD62E, CD62L		· ·	55–60 Tact, Th2 kDa	n2	T co-stimulation	CD275
CD2R CD3ε	T11-3 50 kDa T3 20 kDa	Tact T, thymocyte subset	Activation-dependent form of CD2 With TCR, TCR surface expression/signal transduction	-	CD71	TNFSF7	95, ro, kDa 95 kDa Proliferating cells, reticulocytes, erythro		CD71 (transferrin	CD162R	PEN-5	110–140 kDa	lymphocytes NK subset	Homing receptor for NK cells	CD62L	CD279 CD280			drocytes, fibroblasts, endothelial	Autoimmune disease, and peripheral tolerance Collagen matrix remodeling, and endocytic recycling	Collagen, mannose, fucose on glycans
CD4	,	Thymocyte subset, T subset, monocytes, macrophages Thymocytes, T, B subset, B-cell chronic	MHC class II co-receptor, HIV receptor, T differentiation/activation TCR or BCR signaling, T-B interaction	MHC class II, HIV	CD72	Lyb-2	precursors 42 kDa B, follicular dendritic cells	B proliferation	receptor) CD5, CD100	CD163	Hemoglobin scavenger receptor macrophage		Monocytes, macrophages	Clearance of hemoglobin	-			mononu DC	nuclear cells, monocytes, possibly	Innate immunity, with TLR2	Lipoprotein, lipopeptide
CD6	T12 100–130 kDa	lymphocytic leukemia Thymocytes, T, B subset	T differentiation/co-stimulation	CD166	CD73	nucleotidase Ii, invariant chain,	69 kDa B subset, T subset, follicular dendritic cells, epithelial cells 33, 35, 41, B, macrophages, monocytes, Langerhar	stimulation, lymphocyte adhesion MHC class II traffic and function, binds MIF,		CD164	marker MGC-24	80 kDa	Hematopoietic progenitors, cell-stromal cell interaction	Putative role in intracellular adhesion	-	CD282	TLR2	90 kDa Monocy macropl		Response to bacterial lipoproteins, innate immunity	Lipoproteins and glycans, pathogen-associated molecular
CD22	. 51	Hematopoietic progenitors, thymocytes, T, NK Da Thymocyte subset, T subset, NK	T co-stimulation MHC Class I co-receptor, receptor for some	- MHC class I		histocompatibility antigen γ chain,	43 kDa cells, DC, Tact	maturation of follicular B cells		CD165	AD2, gp37		Adhesion, thymocyte-thymic epithelial cells interaction Neurons, monocytes, epithelial cells,		CD6				` '	Innate immunity Innate immunity, associates with MD2 and	patterns, dsRNA LPS
CD8a	Lyt-3 30–32	Thymocyte subset, T subset	mutated HIV-1, T differentiation/activation MHC Class I co-receptor, receptor for some			HLA-DR antigens- associated invariant chain				CD167a	DDR1	120 kDa	fibroblasts, T ^{act} Epithelial cells, myoblasts	Tyrosine kinase, adhesion to collagen	Collagen	CD285		(weak ir neutrop	in monocytes, immature DC and		_
CD9	p24, MRP-1, 22–27 kl DRAP-27	Pre-B, eosinophils, basophils, platelets, Tact, neurons, glial cells in the peripheral	mutated HIV-1, T differentiation/activation Cellular adhesion and migration	-	CD75 CD75s	Lactosamines Siliated lactosamines	67, 85 kDa B subset, epithelial cells - B subset, T subset	Lactosamines α -2,6-sialylated lactosamines (previously CDw7 and CDw76)	75 –	CD168	receptor (HMMR)	kDa	Monocytes, T subset, thymocyte subset, intracellularly in breast cancer cells	_	-	CD286	TLR6	90 kDa Macrop cells, en	ophages, monocytes, epithelial endothelial cells	Innate immune response to bacterial LPS, associates with MD2 and CD14	
CD10	CALLA, NEP, 100 kDa	B precursors, T precursors, neutrophils	Zinc-binding metalloproteinase, B cell development		CD77	group	1 kDa Germinal center B, Burkitt's lymphomas ^{low} 33, 45 B	Apoptosis Component of BCR, BCR surface expression,	Shiga toxin, verotoxin 1	CD169	Sialoadhesin, Siglec-1		, 3	Adhesion, cell-cell and cell-matrix interactions, binds CD227 on breast cancer cells and CD43 on T cells						Pathogen recognition, activation of innate immunity Innate immunity	Bacterial diacyl- lipopeptides Pathogen-associated
CD11a	LFA-1, integrin α L 180 kDa Mac-1, integrin α M 170 kDa	Lymphocytes, granulocytes, monocytes, macrophages Myeloid cells. NK	CD11a/CD18 receptor for ICAM-1, -2,-3; intercellular adhesion; T co-stimulation iC3 adhesion	CD50, CD54, CD102 CD54, CD102, iC3b,	CD79b	3 ,	kDa B	and signal transduction Component of BCR, BCR surface expression, and signal transduction		CD170 CD171	Siglec-5, CD33- like-2 L1 cell adhesion		eosinophils	Adhesion Kidney morphogenesis, lymph	α2,3- and α2,6-linked sialic acid CD9, CD24, CD56,						molecular patterns, CpG DNA found in bacteria & viruses
CD11c	, 3		iC3 adhesion	fibrinogen, CD23 CD54, iC3b, fibrinogen, CD23	CD80 CD81	· · · · · · · · · · · · · · · · · · ·	60 kDa Bact, Tact, macrophages, DC 26 kDa T, B, NK, thymocytes, DC, endothelial	T co-stimulation Complexes with CD19 and CD21, signaling, T	CD28, CD152		molecule	kDa	subset, B, DC, several human tumor cells		CD142, CD166, CD171, neurocan, phosphocan, laminin	CD290 CD292	TLR10 BMPR1A, ALK3	90 kDa Plasmac57 kDa Bone pr	, ,	Pathogen recognition, activation of innate immunity Bone development	BMP-2, BMP-4
CD13	Aminopeptidase N, 150–170	myeloid, NK, T cells Monocytes, granulocytes, some macrophages, connective tissue	Zinc-binding metalloproteinase, antigen processing, receptor for corona virus strains	Corona virus receptor	CD82		cells, fibroblast, neuroblastomas, melanomas 50–53 Leukocytes, fibroblast, epithelial cells,	co-stimulation Signal transduction	-	CD172a CD172b	SIRPα SIRPβ, SIRB1 SIRPy, SIRPB2	50 kDa	Monocytes, T subset, stem cells Monocytes, DC mRNA: liver and at lower levels in many	Negative regulation of RTK-coupled signaling	CD47	CD293 CD294	BMPR1B, ALK6 CRTH2, GPR44		eosinophils, basophils	Bone development Stimulatory effects on Th2, allergic inflammation	BMP-7, GDF5 Prostaglandin D2
CD14	LPS-R 53–55 kDa	Monocytes, macrophages, Langerhans cells, granulocytes ^{low}	Receptor for LPS/LBP, LPS recognition	LPS receptor	CD83	HB15	kDa endothelial cells 43 kDa Bact, Tact, DC, Langerhans cells 73 kDa Monocytes, platelets, B, T subset,	Dendritic cell marker Putative role in adhesion, co-stimulation	-	CD173	Blood group H	kDa	tissues Erythrocytes, stem cell subset, platelets	Putative role in homing immature stem cells to bone marrow		CD295	' '	132 kDa Broad		Adipose metabolism, immune dysfunction in obesity Modifies integrins during differentiation, ADP	'
CDIS	3-FAL, X-hapten, – Lex antigen, SSEA-1	Granulocytes, neutrophils, eosinophils, monocytes	,	-	CD85a	LIR-3, ILT-5, HL-9, LILRB3	macrophage subset 110 kDa Monocytes	Signaling through FCg	-	CD174 CD175	type 2 Lewis Y Tn		Stem cells subset, epithelial cells	Putative role as co-factor to pro-coagulant y CD175 precursor for ABO antigen	-	CD290	ART4, Dombrock	NK subs	bset	ribosylation of target proteins ADP ribosylation of target proteins	-
CD15s	Sialyl Lewis X –	Neutrophils, eosinophils, monocytes, memory helper T, T ^{act} , B, NK, high endothelial venule		CD62L, CD62P	CD85b		DC, B	Activation of NK-mediated cytotoxicity, associates with FcRy Activation of NK-mediated cytotoxicity,	-	CD175s	Sialyl-Tn Thomson	-	Erythroblasts, myeloid leukemias, carcinoma cells Stem cell subset, carcinoma cells		-		Na+/K+-ATPase β3 subunit			Transport Na and K ions across membrane	-
CD15u CD16	Sulfated Lewis X – FcgRIIIB 48 kDa	Myeloid subset Neutrophils	Adhesion Component of low affinity Fc receptor, phagocytosis, and ADCC	lgG	CD85d	· ·	DC, B 110 kDa NK, monocytes, macrophages	associates with FcRy Suppression of NK cell-mediated cytotoxicity		CD177	Friedrenreich antigen NB1	56-62	Neutrophil subset	Migration	-	CD299 CD300a	LSIGN, DC-SIGN2 CMRF35H, IRC1,		helial subset, DC, macrophages nonocytes, neutrophils, T and B		CD50, HIV-1 gp120
CD17 CD18	Lactosylceramide Integrin β2, ITGB2 95 kDa	Neutrophils, monocytes, platelets Broad, all leukocytes	Unknown function Heterodimerizes with CD11a, b or c, adhesion	CD50, CD54, CD102, iC3b, fibrinogen	Cd85e	ILT6, LIR4, LILRA3	·	Activation of NK-mediated cytotoxicity, associates with FcRy	-	CD178	FasL, CD95L	kDa 38–42 kDa	T ^{act} , testis, neutrophil, monocytes, NK	Apoptosis, immune privilege, soluble form in serum	CD95	CD300c	IRp60 CLM-8, MAIR-1, LMIR-1 CMRF35A, LIR	23 kDa Monocy	ts, lymphocytic cell lines, AML cytes, neutrophils' monocytic cell	Unknown	-
CD19	B1, Bp35, Ly-44 33–37	B, follicular dendritic cells	Complexes with CD21 and CD81, BCR co- receptor, B activation/differentiation	-	CD85f	ILT11, LIR9, LILRA5 LIR4, ILT-7	Monocytes, neutrophils, macrophages, DC5 kDaPlasmacytoid DC	Activation of NK-mediated cytotoxicity, associates with FcRy Signaling for cytokine production	-	CD179a CD179b	Vpre-B Lambda 5	22 kDa	Pro- and pre-B	B cell differentiation/signaling, with IgM B cell differentiation/signaling, with IgM B cell estimation I DS signaling with MD 1	-	CD300e CD300f	CMRF35L IREM1, MAIR-V	45 kDa Monocy	, , , , , , , , , , , , , , , , , , , ,	Unknown Inhibitory receptor	_
CD21	kDa	B, follicular dendritic cells, T subset	Complement C36 and EBV receptor, Complexes with CD19 and CD81, BCR co-receptor	s C3d, CD23, EBV	CD85h CD85i	LIR-7, ILT-1, LILRA2 ILR6, LILRA1	53 kDa Monocytes T subset, monocytes, macrophages, DC, B	Activation of NK mediated cytotoxicity Activation of NK-mediated cytotoxicity, associates with FcRy	MHC Class I antigens –	CD180	CXCR1, IL-8RA	kDa	Neutrophils, basophils, NK, T subset,		- IL-8	CD301		38 kDa Immatu	ture DC	Binds Tn antigen, uptake of glycosylated antigens	-
CD22	BL-CAM, Siglec-2, Leu-14		Adhesion; B-T interactions	^{BPC} NeuAc	CD85j CD85k	· · · · ·	110 kDa NK, DC, monocytes, T cells 60 kDa DC, macrophages, monocytes, plasmacytoid DC	Inhibitory receptor for MHC class I antigens Putative inhibitory receptor	-	CD182	CXCR2, IL-8RB	40 kDa	Neutrophils, basophils, NK, T subset,		IL-8, GRO-α, β, γ, and	CD302	CLECSF14 DCL1, BIMLEC	19–28 Some m		A fusion protein in Hodgkin's lymphoma with DEC-205	-
CD23	BA-1, HSA, Heat- 35–45	cells, platelets Thymocytes, erythrocytes, peripheral	CD19-CD21-CD81 receptor, IgE low-affinity receptor, signal transduction GPI linked receptor for signal transduction	CD11c	CD85I	ILT9, LILRP1	NK, T subset, monocytes, macrophages DC, B	<u> </u>	-	CD183	CXCR3		monocytes Eosinophils, Tact, NK, GM-CSF-activated CD34+ progenitors	enhancement of Th1 response	NAP-2 CXCL10 (IP-10), CXCL9 (MIG), CXCL11 (I-TAC)	CD303	BDCA2, HECL, CLEC4C		acytoid DC	Inhibit IFN-α production	- Consent origin 2.4
CD25		lymphocyte, myeloid, B-lineage cells Tact, Bact, lymphocyte progenitors, and T cell subset (Treg)	IL-2Rα, with IL-2Rβ and IL-2Rγ to form high affinity complex for IL-2, signal transduction	IL-2	CD85m	B70, B7-2	NK, T subset, monocytes, macrophages DC, B 80 kDa Monocytes, DC, Bact, Tact	T co-stimulation	- CD28, CD152	CD184 CD185			cells	SDF1	CXCL12, HIV-1 (X4 tropic) next to HIV CXCL13	CD304	1, VEGF165R		acytoid DC , endothelial cells,	co-receptor with plexin, axonal guidance,	Semaphorin-3A, vascular endothelial growth factor A, plexin-1
CD26		Thymocyte subset, Tact (soluble form) Medullary thymocytes, T, B subset, NK	Dipeptidyl peptidase, T co-stimulation, HIV entry T co-stimulation	FAP, HIV Tat, collagen	CD87 CD88		39–66 Granulocytes, monocytes, NK, Tact, kDa endothelial cells, fibroblasts 40 kDa Granulocytes, monocytes, DC	Inflammatory cell invasion, metastasis Granulocyte activation	uPA, vitronectin C5a receptor	CD186	CXCR6, BONZO	40 kDa		function in Burkitt lymphomagenesis and/or B differentiation, activation of mature B	CXCL16 SIV, Receptor	CD305		kDa basophi	hils, mast cells	Inhibitory receptor on NK and T cells	- -
CD28	T14, TNFRSF7, kDa Tp55		T co-stimulation	CD80, CD86	CD89		55–75 kDa Monocytes, macrophages, granulocytes neutrophils, B subset, T subset 25–35 CD34+ hematopoietic subset, neurons		IgA1, IgA2 CD11b/CD18						for CXCL16 and co- receptor for SIV, strains of HIV-2 and m-tropic	CD306 CD307		16 kDa Monocy 55– B subset 105kDa	set, B lymphoma	Soluble, mucosal tolerance B cell development, translocation in some lymphomas	-
	Integrin β1, platelet 130 kDa GPlla, MSK12, VLAB	Lymphocytes, monocytes, granulocyteslow, platelets, mast cells,	Heterodimerizes with CD49a-f to form VLA-1 through VLA-6; adhesion, differentiation	CD106, MAdCAM-1,	CD91	,	kDa 600 kDa Monocytes, macrophages, neurons, fibroblasts. DC	differentiation, adhesion, signal transduction	α-2-macroglobulin, LDLs, HSP96	CD191	CCR1, MIP-1α receptor. RANTES			Binds CC-type chemokines and transduces signal by increasing intracellular calcium ion	HIV-1 CCL4, CCL5, CCL6, CCL14, CCL15, CCL16.	CD307a	FCRL1, Fc receptor- like 1, FCRH1, IFGP1, IRTA5,	50 kDa Mature		Putative role in B cell activation and differentiation	-
	Ki-1, Ber-H2, 105–120	fibroblasts, endothelial cells, nerve, connective tissue Bact, T, NK, Reed-Sternberg cells, anaplastic large-cell lymphoma	Lymphocyte proliferation/apoptosis	CD153	CD92	<u> </u>	70 kDa Neutrophils, monocytes, platelets, endothelial cells, fibroblasts	biosynthesis	Choline	CD192	receptor CCR2, MCP-1 receptor			, , ,	CCL23	CD307b	FCRL1 FCRL2, Fc receptor- like 2, FCRH2,	55 kDa Memory	ory B	Putative role in B cell development	-
CD31	PECAM-1, 130–140	1 3 1 1	Adhesion, signal transduction	CD31, CD38	CD93 CD94 CD95		120 kDa Neutrophils, monocytes, endothelial cel 43 kDa NK, T subset 45 kDa Lymphocytes (high upon activation),	Complexes with NKG2, inhibits NK function	C1q, MBL2, SPA – CD178 (FasL)	CD193		45 kDa		Alternative co-receptor with CD4 for HIV-1 infection, eosinophil migration	CCL11, CCL26, CCL7, CCL13, CCL15, CCL24, CCL5, CCL28		IFGP4, IRTA4, SPAP1, SPAP1A, SPAP1B, SPAP1C				
CD32	_	Monocytes, granulocytes, B, platelets Myeloid progenitors, monocytes,	Low-affinity Fc receptor for aggregated lg and immune complexes Adhesion	Polymeric or aggregated IgG Sialic acid	CD96 CD97	TNFRSF6 TACTILE	monocytes, neutrophils 160 kDa NK, T ^{act} 74, 80, 90 B ^{act} , T ^{act} , monocytes, granulocytes	Adhesion of activated T and NK	CD155	CD195	CCR5	45 kDa	Monocytes, T subset	R5 HIV-1 co-receptor, chemotaxis	CCL2, CCL3, CCL4, CCL5, CCL11, CCL13,	CD307c	FCRL3, Fc receptor- like 3, FCRH3, IFGP3, IRTA3,	89 kDa B, NK		-	-
CD34		granulocytes, DC, mast cells, Tact Hematopoietic precursors, capillary endothelial cells, embryonic fibroblasts	Stem cell marker, adhesion	CD62L	CD98		40, 80 T, B, NK, granulocytes, all human cell kDa lines	Activation	-	CD196	CCR6, LARC receptor, DRY6			Inflammation, differentiation	CCL14, CCL16 CCL20	CD307d	SPAP2 FCRL4, Fc receptor- like 4, FCRH4,	57 kDa Memory	огу В	May inhibit B cell receptor	-
CD35	CR1 250 kDa	Erythrocytes, B, monocytes, neutrophils, eosinophils, follicular dendritic cells, T subset		C3b, C4b	CD99 CD99R		32 kDa Leukocytes 32 kDa T, NK, myeloid cells	T cell activation, adhesion Isoform of CD99	-	CD197 CD198			T subset, DC subset T, high expression in Th2, NK, monocytes	T cell migration Allergic inflammation, alternative co-receptor with CD4 for HIV-1 infection	CCL19, CCL21	CD307e	IGFP2, IRTA1 FCRL5, Fc receptor-like 5, CD307,	106 kDa B		Putative role in B cell development and differentiation	-
CD36	GPIV, GPIIIb, fatty acid translocase, SCARB3, GP88	Platelets, monocytes, macrophages, endothelial cells, early erythrocytes	ECM receptor, adhesion, phagocytosis	Collagen (I, IV, V), thrombospondin, oxidized LDL	CD100 CD101		150 kDa Hematopoietic cells except immature bone marrow cells, RBC, and platelets 120 kDa Monocytes, granulocytes, DC, Tact	,	CD72, plexin B1	CD199			1 1	Alternative co-receptor with CD4 for HIV-1 infection	CCL25 (TECK) OX-2R	CD200	FCRH5, IRTA2, BXMAS1, PRO820	220 kDa Endatho			VEGE
CD37	gp40-52 40-52 kDa	B, Tlow, granulocyteslow, monocytes, DC	-	-	CD102	ICAM-2	55–65 Leukocytes, endothelial cells kDa 25, 150 Intra-epithelial cells, lymphocytes,	Co-stimulation Complexes with integrin β7, binds E-cadherin,	CD11a/CD18	CD200R	EPC-R	kDa 48 kDa	Hematopoietic	Inhibitory receptor, inhibits TNFα secretion Activated protein receptor. Role in coagulation,	CD200			cells, he 90 kDa Monocy	hemangioblasts ocytes, macrophages, moDC,	Regulates adhesion and cell signaling (Annexin A5 and SHC1 binding also published) Cell adhesion and migration for phagocytosis	Chondroitin sulfate,
CD38	ribose hydrolase	hematopoietic cells; high expression on plasma cells, B, and Tact	adhesion, proliferation	CD31, hyaluronic acid	CD104	αΕ	kDa lymphocytes subset, activated lymphocytes 220 kDa Epithelial cells, Schwann cells,	lymphocyte homing/retention Complexes with integrin α6 (CD49f), cell		CD201	Tie2, Tek	150 kDa	Stem cells, endothelial cells	inflammation, migration Angiogenesis, hematopoiesis	Angiopoietin-1	CD314	NKG2D, KLR			Activates cytolysis and cytokine production,	
	EC3.6.1.5		B differentiation/co-stimulation, isotype	- CD154	CD105	, ,	keratinocytes, some tumor cells 95 kDa Endothelial cells, bone marrow subset, activated marrophages	adhesion, differentiation, metastasis	TGFβ1, TGFβ3	CD203c	NPP3/PDNP3, ENpp1, PD-1β Macrophage	kDa		extracellular nucleotides	Nucleotides		CD9P1, SMAP6, FPRP, PTGFRN		set, monocytes ^{act}	co-stimulation With CD81 and CD9	ULBP2, ULBP3 -
CD41	GPIIb, αIIb integrin, 22, 125 ITGA2B kDa	dendritic cells, endothelial cells, T subset Platelets, megakaryocytes	Heterodimerizes with CD61 forms GPIIb; binds fibrinogen, fibronectin, vWF, thrombospondin;	fibronectin, vWF,			110 kDa Activated endothelial cells, follicular dendritic cells	Leukocyte adhesion, migration, co-stimulation	β/	CD205 CD206	scavenger receptor DEC-205 Macrophage	205 kDa		Mediates antigen processing and presentation Phagocytosis and pinocytosis of mannose-	– Oligomannose-		CD81P3, KASP	63–75 B, T, low kDa 30–36 B, T, NK		With CD81 and CD9, involved in cell migration Pre-B cell growth, overexpressed in multiple	
CD42a	Glycoprotein IX, 22 kDa GP9	Platelets, megakaryocytes	platelet activation and aggregation Complexes with CD42b, c, and d; receptor for vWF and thrombin; platelet adhesion to sub-	thrombospondin vWF and thrombin			110 kDa Activated platelets, T, endothelial cells, metastatic tumors 120 kDa Activated platelets, T, endothelial cells,	, ,	Galectin-3, CD62L, CD62E, CD62P Galectin-3, CD62L,	CD207	mannose receptor	r		containing molecules Endocytosis, antigen processing	containing carbohydrates Mannose-bearing	CD318 CD319	CDCP1, SIMA135	,	J	myeloma Adhesion with ECM Regulate T and NK cells	-
CD42b	GPIbα 145 kDa	Platelets, megakaryocytes	endothelial matrices Complexes with CD42a, c, and d; binds to vWF and thrombin; platelet adhesion/activation	vWF and thrombin	CD108	SEMA7A	metastatic tumors 80 kDa Erythrocytes, lymphoblasts, resting lymphoblasts ^{low}	Putative role in inflammation	CD62E, CD62P CD232	CD207	DC-LAMP		5	Putative role in sorting MHC Class II	glycoproteins and glycolipids	CD320	8D6A, 8D6	in DC 30 kDa Follicula	ular dendritic cells, germinal centers	B proliferation, tumor formation	-
CD42c CD42d CD43	gpV 82 kDa	Platelets, megakaryocytes Platelets, megakaryocytes Leukocytes, except resting B; plateletslow	Complexes with CD42a, b, d Complexes with CD42a-c	vWF and thrombin vWF and thrombin CD54, hyaluronic acid	CD109	Gov antigen	170 kDa Tact, platelets, CD34+ subset, endothelia cells 82–84 Megakaryocytes, platelets, some CD34-	, , ,	- Thrombopoietin	CD209	DC-SIGN	kDa 44 kDa	, 3 3	HIV-1 binding protein, recognize pathogens, signal transduction	CD50, CD102	CD321	' '	endothe 43 kDa High en	helial cells, platelets endothelial venule, other	Tight junctions, involved in retrovirus entry into cells Adhesion, lymphocyte homing to secondary	
CD44	sialophorin kDa H-CAM, Pgp-1, 80–95	Hematopoietic and non-hematopoietic		Hyaluronin,	CD111	PRR1, Nectin-1	kDa stem cellslow	differentiation Intercellular adhesion	CD112, CD113, CD155, nectin-4	CD210	IL-10Ra	kDa	, , , , , , ,	Signal transduction	IL-10	CD324	Uvomorulin	120 kDa Non-nei	neural epithelial cells	lymphoid organs Adhesion, homotypic interaction and binds aE/b7	CD103, PS1, catenins, internalin
	Hermes antigen, lymphocyte homing receptor, ECM-	cells, except platelets; hepatocytes-testis		osteopontin, fibronectin	CD112	PRR2, Nectin-2	·	Adhesion	CD111, CD113, CD155	CDw210b CD212	IL10RB, IL-10Rβ IL-12Rβ1	100 kDa		Binds IL-12 with high affinity, associates with IL-12 receptor β2, signal transduction	IL-10, IL-22 IL-12	CD325 CD326				Adhesion, neuronal recognition Adhesion, metastatic carcinoma cell marker	N-Cadherin, catenins, FGFR, PS1 CD305, CD306
	III, hyaluronate receptor, HUTCH-1	CD44 unionts between any surveying	Adhasian matastasia	Lhushusania	CD113 CD114		83 kDa Testis, placenta 95, 139 Myeloid, endothelial cells	Adhesion molecule that interacts with afadin Myeloid differentiation/proliferation	CD111, CD112, CD155 G-CSF	CD213a1 CD213a2	IL-13Rα1 IL-13Rα2		cells	Binds IL-13 with low affinity, with CD124, signal transduction Binds IL-13 with high affinity, signal	IL-13		tumor-associated calcium signal transducer 1	kDa some tu	tumors		
CD44std	CD44 variant 1–10 –	CD44 variants heterogeneous expression constitutive expression on epithelial cells, monocytes; upregulated on activated leukocytes		Hyaluronin, osteopontin, fibronectin	CD115	M-CSFR, c-fms	150 kDa Monocytes, macrophages, monocytic progenitors	Monocytic differentiation/proliferation	M-CSF	CD215	IL15Rα, interleukir 15 receptor α		Brain tissue, activated monocytes,	transduction	IL-15	CD327	(TACSTD1) SIGLEC6	49 kDa Placenta		Adhesion, membrane-bound and secreted forms, sialic acid-dependent	Sialyl-Tn motifs, leptin
CD44var (v4)	CD44 variant 1–10 –	Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD116		70–85 Monocytes, granulocytes, DC, kDa endothelial cells 145 kDa Hematopoietic progenitors, mast cells	Associates with CD131, myeloid differentiation proliferation Hematopoietic progenitor development/		CD217	IL-17R	120 kDa	Broad, granlocytes	cells Signal transduction	IL-17	CD328	SIGLEC7, AIRM-1		spleen, lower in granulocytes and	· · · · · · · · · · · · · · · · · · ·	α 2,3- and α 2,6-linked sialic acid
CD44var (var10)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD118	, i	190 kDa Epithelial cells in adult and embryo	differentiation Membrane-bound involved in signal transduction, soluble form inhibits activity of L	LIF	CD218a	IL-18Rα, IL-1Rrp IL-18Rβ, IL18RAP	70 kDa	T, NK, DC	Heterodimeric receptor with IL-18R α to enhance IL-18 binding		CD329	SIGLEC9 FGFR1, fms-like	50 kDa Neutrop	ophils, monocytes	Sialic acid-dependent adhesion molecule High-affinity receptor for fibroblast growth	α2,3- and α2,6-linked sialic acid
CD44var (v7–v8)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD119 CD120a		90–100 Macrophages, monocytes, B, T, NK, kDa neutrophils, endothelial cells 50–60 Hematopoietic, non-hematopoietic cells	Complexes with IFN- γ R α , with IFN- γ AF-1, host defense		CD220 CD221	Insulin receptor	140, 70 kDa 70, 140		Binds IGF with high affinity, signaling, cell	IGF-I, IGF-II, insulin		tyrosine kinase-2, KAL2, N-SAM FGFR2, BEK, KGFR			factors High-affinity receptor for fibroblast growth	
CD44 (v6)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD120b		kDa Hematopoietic, non-hematopoietic cells		ΤΝΓα, ΤΝΓβ	CD222	IGF-IIR, mannose- phosphate-R	kDa -6 250 kDa	Broad, 90–95% intracellular		TGFβ-LAP, plasminogen,		FGFR3, ACH, CEK2	kDa	plasts, epithelial cells	factors High-affinity receptor for fibroblast growth	
CD44 (v3)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD121a CD121b		80 kDa Weakly expressed on many cells 60–70 B, macrophages, monocytes, T subset	Signaling Negative signals	IL-1α, IL-1β, IL-1Rα IL-1α, IL-1β, IL-1Rα	CD223	LAG-3	70 kDa	Tact, NK	Downregulates TCR signal transduction	proliferin, LIF, IGFII, HSV MHC class II		FGFR4, JTK2, TKF		olasts, epithelial cells	High-affinity receptor for fibroblast growth factors	
CD44 (v5)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin	CD122 CD123		75 kDa NK, T, B, monocytes 70 kDa Lymphocyte subset, basophils,	Signal transduction Complexes with CD131, signal transduction	IL-2, IL-15 IL-3	CD224 CD225	GGT Leu-13	17 kDa	Broad	Maintain cellular redox B cell activation Activation of cell-mediated cytotoxicity, soluble	- - CD112 CD155	CD335 CD336	NKp46, Ly-94 homolog NKp44, Ly-95		T subset	binding Activates NK cells upon non-MHC ligand	Viral HA, heparan sulfate proteoglycans Viral HA
CD44 (v7)	CD44 variant 1–10 –	and leukocytes ^{act} Heterogeneous expression; constitutive expression on epithelial cells, monocytes		Hyaluronin			hematopoietic progenitors, macrophages, DC, megakaryocytes, plasmacytoid DC	, , ,		CD226	TLiSA1		human umbilical vein endothelial cells Epithelial cells, stem cell subset, follicular	form (50 kDa) found in normal serum	CD54, CD169, selectins	CD337	homolog NKp30, Ly117	30 kDa NK		binding Activates NK cells upon non-MHC ligand binding	Membrane-associated heparan sulphate
CD45		and leukocytes ^{act}	Tyrosine phosphatase, enhanced TCR and BCR signals	-	CD124	IL-4R	140 kDa Lymphocyteslow, monocytes, hematopoietic precursors, fibroblast, epithelial cells	Complexes with CD132 or CD213a, T cell growth/differentiation	IL-4, IL-13	CD228	Melanotransferrin		dendritic cells, monocytes, B subset, some myelomas Stem cells, melanomas	Iron transport, migration of endothelial cells		CD338	ABCG2, BCRP, Bcrp1, MXR	73 kDa Stem ce		Multi-drug resistance transporter	proteoglycans –
	phosphatase receptor type C200	B, T subset		-			60 kDa Eosinophils, basophils 80 kDa Bact, plasma cells, leukocytes (maj)low, fibroblasts	Complexes with CD131, signal transduction Complexes with CD130, signal transduction		CD229	Ly-9	kDa 95, 110 kDa			plasminogen CD229	CD339	Jagged-1, JAG1, JAGL1, hJ1		, , ,	Hematopoiesis Member of the ERBB family of receptor	Notch 1, Notch 2, Notch 3
CD45RA	gp220 205–220 kDa	B, T subset (naive), monocytes	Exon A isoforms of CD45	-			65–75 T, pro-B, downregulated on Treg kDa	Complexes with CD132, B and T cell development	IL-7	CD230	· ·			Homeostatsis under oxidative stress, signal transduction Marker for T cell acute lymphoblastic leukemia		CD344	p185HER2		·	tyrosines, involved in a wide range of cellular responses	Mat navin
	kDa	B, T subset, monocytes, macrophages, granulocytes B, T subset, NK		-	CD128	CD182	130 kDa Bact, plasma cells, Leukocytes(maj)low,	Signal transduction	Oncostatin M, IL-6, LIF	CD232 CD233	VESP-R Band 3, SLC4A1	kDa 200 kDa	neurons Broad	-	- -	CD349	hFz-4, FzE4 Frizzled-9, Fz-9,	neurona 65 kDa Adult ar	nal, intestinal cells and fetal brain; testis, eye, skeletal	Activation of the Wnt/β-catenin pathway, regulation of tissue and cell polarity Activation of the Wnt/β-catenin pathway, regulation of tissue and cell polarity.	
		macrophages, granulocytes	Isoform of CD45 lacking A, B, and C exons		CD131		endothelial cells 95–120 Monocytes, granulocytes, early B kDa	Complexes with α subunits of IL-3R, IL-5R, and GM-CSFR; signal transduction		CD233		35–45 kDa	,	linking red cell membrane to cytoskeleton Decoy receptor, inflammation	CXCL1, CXCL5, CXCL8, CCL2, CCL5,	CD350		mesenc	nchymal stem cells nta and kidney; fetal lung and brain	Activation of the Wnt/β-catenin pathway,	Wnt
CD46 CD47		Da Hematopoietic cells, epithelial cells,	Membrane cofactor protein, degradation by Factor I Leukocyte adhesion, migration, activation,	virus receptor	CD132 CD133	AC133, prominin-	64 kDa T, B, NK, monocytes, granulocytes 120 kDa Hematopoietic stem cell subset, epitheli		-	CD235a	Glycophorin A	36 kDa	3		CCL7 CD170, influenza virus, erythrocyte binding	CD351	receptor of IgA	57 kDa Mesang		regulation of tissue and cell polarity –	IgA, IgM
		endothelial cells, fibroblasts, other tissue New designation for CDw149; similar distribution as CD47 but dimmer	-	-	CD134	like 1 OX-40	cells, endothelial cells, leukemias, tumor cells	T cell activation, differentiation, apoptosis	CD252	CD235b	Glycophorin B	20 kDa		Major sialoglycoprotein of erythrocyte	antigen (EBA-175) of Plasmodium falciparum	CD352	and IgM, FCA/MR, FKSG87 SLAMF6, SLAM family member	37 kDa NK, T, B	В	Triggers cytolyic activity of NK cells	-
CD48 CD49a	Blast-1, BCM1, 45 kDa Sgp-60, SLAMF2 VLA-1, integrin α1 210 kDa	, ,	GPI-linked receptor; adhesion, activation Adhesion, CD49a/CD29 binds collagen and	CD244	CD135	Flt3/Flk2	kDa 130–150 Myelomonocytic, primitive B progenitor kDa	1		CD236	, ,		Erythrocytes, stem cell subset	membrane maintain erythrocyte structure	-		family member 6, KALI, NTBA, KALIb, Ly108, NTB-A, SF2000				
CD49b	. 5	B, monocytes, platelets, Tact, megakaryocytes	laminin Adhesion, CD49b/CD29 binds collagen and laminin	<u> </u>	CD136	MSP-R, RON 4-1BB	180 kDa Epithelial cells, CNS, PNS, hematopoietic subset 30 kDa Tact, T, B, DC, macrophages	Migration, morphological change and proliferation of different target cells T co-stimulation	MSP, HGF1 4-1BB ligand	CD236R CD238	Kell	32 kDa 93 kDa			- -	CD353	SLAMF8, SLAM family member 8,	32 kDa Lymph r marrow		Putative role in B cell signaling and differentiation	-
CD49c	. 5	B, T ^{low} , most adhesive cell lines	Adhesion; CD49c/CD29 binds laminin, fibronectin, and collagen Adhesion; CD49d/CD29 binds fibronectin,	Collagen, laminin, fibronectin	CD138	Syndecan-1	80–150 Plasma cells, pre-B, basolateral surface of kDa epithelial cells, neurons		ECM	CD239 CD240CE	B-CAM Rh30CE	30–32 kDa	Erythrocytes, stem cell subset Erythrocytes	-	Laminin α5 chain –	CD354	TREM1, triggering receptor expressed	26 kDa Myeloid	oid	Stimulates neutrophils and monocytes	-
CD49d CD49e	VLA-5, integrin α5 25, 135	eosinophils, mast, DC Thymocytes, T, monocytes, platelets,	CD106 (VCAM-1), and MAdCAM-1	MAdCAM-1 Fibronectin	CD139 CD140a		228 kDa B, monocytes, granulocytes, erythrocytes ^{low} , follicular dendritic cells 180 kDa Fibroblasts, smooth muscle glial cells, chondrocytes		PDGF-A, PDGF-B,	CD240D CD241	Rh30D RhAg, Rh50	kDa		- Complexes with CD47, LW, glycophorin B	-	CD355	on myeloid cells 1, TREM-1 CRTAM, cytotoxic	45 kDa NK ^{act} , C	CD8 ^{act}	Cytoxicity, tumor rejection	Necl-2
CD49f	VLA-6, integrin α6 125 kDa	Memory T, thymocytes, monocytes, platelets, megakaryocytes, epithelial cells	S	Laminin, merosin	CD140b	PDGFRβ	chondrocytes 180 kDa Fibroblasts, smooth muscle glial cells, chondrocytes	5	PDGF-C PDGF-B	CD242	ICAM-4			Adhesion, Landsteiner-Wiener blood group		CD357		26 kDa Activate		Cross-talk lymphocytes and endothelial cells T	TNFSF18 (AITRL)
CD50	kDa Vitronectin 24, 125	epidermal Langerhans cells Plateletslow, endothelial cells, osteoblasts,	Adhesion, co-stimulation Adhesion; CD51/CD61 binds vitronectin, vWF,		CD141		100 kDa Monocytes, neutrophils, endothelial cel smooth muscle cells, DC 45 kDa Monocytes, endothelial cells,	Binds clotting factor VIIa, initiator of clotting		CD243	7, 7	'	Stem cells, small intestine, kidney stem cells NK T subset monocytes basonbils	Efflux transporter of various drugs	-		TNFRSF18, tumor necrosis factor receptor			activation	
CD52	receptor, integrin αV CAMPATH-1, HE5 21–28 kI	Da Thymocytes, T, B (not plasma cells),	fibrinogen, and thrombospondin Unknown function	vWF, fibrinogen, thrombospondin	CD143		keratinocytes, epithelial cells 170 kDa Endothelial cells, epithelial cells, neuron fibroblasts, activated macrophages	5 .		CD244 CD245	2B4, p38 p220/240	220–240	mast, eosinophils Granulocytes, resting peripheral blood	NK activation, costimulatory ligand for NK and T cells Signal transduction, co-stimulation T and NK		CDSES	superfamily, member 18, GITR-D	72.1.0	rninal cord have	Promotos accessing	ADD
	·	monocytes, macrophages Leukocytes, DC, osteoblasts, osteoclasts		-	CD144 CD145	Cadherin-5	130 kDa Endothelial cells, stem cells	Adhesion –	Homotypic binding to CD144, β-catenin	CD246	ALK	80 kDa	intestine, testis, brain, not on normal		Pleiotrophin, midkine	CD358	tumor necrosis factor receptor	72 kDa Fetal spi	' '	Promotes apoptosis, elevated in Alzheimer patients	APP
CD54		Endothelial cells, monocytes, lymphocytes (high upon activation)	Adhesion	CD11a/CD18, CD11b/CD18, rhinovirus	CD145	MUC18, S-endo	kDa Endothelial cells, some stromal cells kDa Endothelial cells, melanomas, follicular kDa dendritic cells, Tact		-	CD247	CD3ζ	16 kDa	<u> </u>	TCR complex subunit, coupling of antigen recognition to signaling	-	CD3C0	superfamily, member 21, DR6, BM-018	50 LD-	IK DC	Signal transduction	JI 21
CD55	accelerating factor kDa	Hematopoietic, endothelial cells, soluble in plasma NK, T subset, neurons, some large		621 641 62.07	CD147		28 kDa Leukocytes, erythrocytes, platelets, endothelial cells	Adhesion, T cell activation, thymocyte cycling	CD62E	CD248 CD249 CD252	Aminopeptidase A	A 160 kDa		Renin-angiotensin system	_ _ CD134	CD360			MK, DC marrow, PBMC, fibroblast	Signal transduction	IL-21 -
CD56	NKH-1 kDa	granular lymphocyte leukemias, myeloid leukemias NK subset, T subset		cnondroitin suipnate proteoglycans CD62L, CD62P	CD148	HPTP-eta	240–260 Granulocytes, monocytes, DC, T (high upon activation)	1 1 1 1	- CD150	CD252	gp34			Death	CD261, CD262, CD263, CD264, OPG	Chart	viral integration site 2B, EVDB, D17S376	22.15		Call and	CDACT
	LFA-3 55–70 kl Protectin, H19, 19 kDa	Da Hematopoietic, non-hematopoietic cells		CD2			75–95 T subset (high upon activation), B, DC, kDa endothelial cells 32 kDa Endothelial cells, megakaryocytes,	Co-stimulation, proliferation, Ig production, measles virus receptor, T and B cell activation Adhesion	- -	CD254		35 kDa	Lymph node, bone marrow stroma, T ^{act}	Osteoclast differentiation, enhances DC to stimulate naïve T proliferation, regulates Bcl-XL expression	CD265, OPG	CD362	SDC2, syndecan 2, HSPG, HSPG1, SYND2			Cell surface proteogylcan that bears heparan sulfate	
	1F-5Ag, HRF, MAC- inhibitor protein, MAC-IP, membrane				CD152 CD153	CTLA-4	platelets, epithelial cells 33 kDa Tact, B 40 kDa Neutrophils, B, Tact, macrophages	Negative regulation of T cell co-stimulation T co-stimulation	CD80, CD86 CD30	CD255	APO3L	kDa	fibroblasts	Induces apoptosis, promotes angiogenesis	CD266	CD363	sphingosine-1- phosphate receptor		helial cells, lymphocytes, icytes, macrophages, neurons	T cell migration	S1P
CD60a		T subset, platelets, thymic epithelial cells,	, Co-stimulation	-	CD154 CD155	CD40L, gp39, TRAP	32–39 kDa T ^{act}	B and DC co-stimulation	CD40	CD256 CD257	BLYS, BAFF, TALL-	-1 31 kDa		B proliferation, induces cell death B cell growth factor and co-stimulator of lg production			1, EDG1, S1P1, ECGF1, EDG-1, CHEDG1				
CD60b	kDa	astrocytes T subset, Bact	- -	-	CD155	ADAM8	80–90 Monocytes, macrophages, CD34+ kDa thymocytes 69 kDa Neutrophils, monocytes	Leukocyte extravasation	Polio virus, CD96	CD258 CD261			T ^{act} , immature DC T ^{act} , peripheral blood leukocytes		CD270, LTβR CD253	CD364	PI16, peptidase inhibitor 16, dJ90K10.5,	49 kDa Prostate	ate, testis, ovary, intestine	Putative serine protease inhibitor	-
CD61	,		Heterodimerizes with CD41- or CD51-mediated adhesion to ECM	Vitronectin, vWF, fibrinogen, and fibronectin	CD156b		100 kDa Broad 98 kDa Lymphoid organs, peripheral blood	Cleaves membrane proteins (TNF, TGFa) to generate soluble forms Proteolytic cleavage of cell-surface molecules		CD262			Widely expressed, peripheral blood lymphocytes	Contains death domain, apoptosis via FADD and caspase-8	CD253	CD365	MGC45378, MSMBBP TIM-1, HAVCR1,	38 kDa Activate		Role in T-helper development, involved in	-
	E-selectin, ELAM-1, 97, 107– LECAM-2 115 kDa L-selectin, 74, 95		Cell rolling, metastasis Leukocyte homing, tethering, and rolling	CD15s, CD162 CD15s, CD34, CD57,	CD157		liver 42–45 Granulocytes, monocytes, B progenitors		-	CD263	TRAIL-R3, DCR1, LIT TRAIL-R4, TRUNDD, DcR2		Peripheral blood lymphocytes Peripheral blood leukocytes	7-1	CD253	CD366	HAVCR-1, TIMD1 TIM-3, HAVCR2, TIMD3			hepatitis A virus entry into cells Inhibitory receptor on Th1 cells	-
	LECAM-1, LAM-1 kDa	granulocytes, NK, thymocytes	J. J	CD162, GlyCAM-1, MAdCAM-1	CD158a	p58.1	kDa endothelial cells, bone marrow stromal cells 50–58 NK subset, T subset	activities, pre-B cell growth Inhibition of NK cell cytolytic activity, MHC cla		CD265	RANK, TRANCE-R ODFR			· ·	CD254	CD367 CD368	CLEC4A, DCIR, DDB27, CLECSF6 CLEC4D, MCL,			Inhibitory receptor on DC and B cells Endocytic receptor	-
	140, PADGEM LIMP, MLA1, 53 kDa	Activated platelets, and basophils	Adhesion, neutrophil rolling, platelet-neutrophi and platelet-monocyte interactions Lysosomal membrane protein, moves to cell surface after activation.	·	CD158b	·	kDa So-58 NK subset, T subset kDa	I-specific NK receptor Inhibition of NK cell cytolytic activity, MHC clail-specific NK receptor		CD266 CD267	inducible 14 TACI, TNFR, SF13E	B 32 kDa	umbilical vein endothelial cells B, T ^{act}		CD256, CD257	CD368	CLECSF8, CLEC-6, MPCL			Lectin, necessary for TLR2-mediated	_
CD64	LAMP-3 FcgRI 72 kDa	interferon, or G-CSF-activated	surface after activation High-affinity receptor for IgG, phagocytosis, and ADCC	Monomeric and aggregated lgG	CD158b2	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NK subset, T subset kDa 41 kDa NK subset, T subset	Inhibition of NK cell cytolytic activity, MHC cla I-specific NK receptor Inhibition of NK cell cytolytic activity, MHC cla		CD268 CD269 CD270	BAFFR, TR13C	25 kDa 8B 20 kDa	,	Mature B survival B survival and proliferation	CD257 CD256, CD257 CD258, CD272, HSV-1,	CD369 CD370	CLECSF12, CLEC9A,	neutrop	ophil, lymphocytelow	Lectin, necessary for TLR2-mediated inflammatory response Endocytic receptor	-
CD65	VIM2, ceramide- dodecasaccharide	granulocytes Granulocytes, monocyte subset, myeloid leukemias		CD62E (E-selectin)	CD158d		41 KDa NK subset, T subset 70 kDa NK subset, T subset	I-specific NK receptor Inhibition of NK cell cytolytic activity, MHC cla		COZIO	tumor necrosis factor receptor superfamily,	SO NDd	anymus	g, agrar dansauctilli	CD258, CD272, HSV-1, HSV-2	CD371		30 kDa Neutrop	ophil, eosinophil, monocytes, DC	Signal transduction	-
	VIM2 –		Phagocytosis Adhesion	– CD62E, CD66a,	CD158f		50–58 NK subset, T subset kDa	I-specific NK receptor Inhibition of NK cell cytolytic activity, MHC cla- I-specific NK receptor			member 14 (herpesvirus entry mediator), TR2,	1					MICL, DCAL-2	Acres	-	37.325	
	CEACAM1 kDa CD67, CGM6, 95–100		Adhesion, neutrophil activation	CD66c, CD66e CD66c	CD158g		NK subset, T subset NK subset, T subset	Activation of NK cell cytolytic activity, MHC class I-specific NK receptor Activation of NK cell cytolytic activity, MHC			ATAR, HVEA, HVEM, LIGHTR							200	The second	White the second	

Putative role in cell adhesion and signaling

NCA, CEACAM6 90 kDa Neutrophils, colon carcinoma

CGM1, CEACAM3 35 kDa Granulocytes

CEACAM8

class I-specific NK receptor

Activation of NK cell cytolytic activity, MHC HLA-C

Activation of NK cell cytolytic activity, MHC class I-specific NK receptor

Activation of NK cell cytolytic activity, MHC class I-specific NK receptor

NGFR, p75(NTR)

45 kDa

Neurons (Schwann cells, growing neurites), bone marrow mesenchymal

Tumor suppressor; cell survival and death

NGF, BDNF, NT-3, NT-4

33 kDa Tact, B, remains on Th1 Inhibitory response

B7DC, PD-L2, 25 kDa DC subset, monocytes, macrophages Co-stimulation or suppression of T proliferation CD279

KIR2DS4

CD62E, CD66a,

35, 58 NK subset, T subset

50 kDa NK subset, T subset