

Rabbit anti-Human SELPLG Polyclonal Antibody | anti-SELPLG antibody

SELPLG Antibody (C-term)

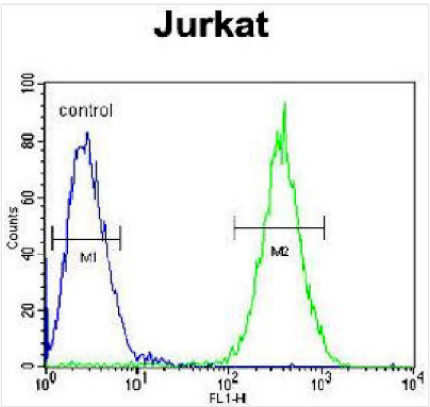
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289865	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

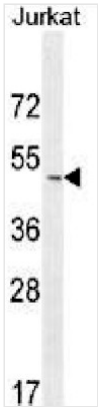
SELPLG; Polyclonal Antibody; SELPLG Antibody (C-term); P-selectin glycoprotein ligand 1; PSGL-1; Selectin P ligand; CD162; anti-SELPLG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This SELPLG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 379-405 amino acids from the C-terminal region of human SELPLG.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	379-405
Sequence Length	428
Applicable Applications for anti-SELPLG antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Function	A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on neutrophils, monocytes and most lymphocytes
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SELPLG Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SELPLG Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the SELPLG antibody detected the SELPLG protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SELPLG antibody	SELPLG is the high affinity counter-receptor for P-selectin on myeloid cells and stimulated T lymphocytes. As such, it plays a critical role in the tethering of these cells to activated platelets or endothelia expressing P-selectin. The organization of the SELPG gene closely resembles that of CD43 and the human platelet glycoprotein GpIb-alpha both of which have an intron in the 5-prime-noncoding region, a long second exon containing the complete coding region, and TATA-less promoters.
Product Categories/Family for anti-SELPLG antibody	Cardiovascular
References	Elmas, E., et al. J. Cardiovasc. Electrophysiol. 21(11):1260-1265(2010) Luan, S.L., et al. J. Pathol. 222(2):166-179(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Russo, H.M., et al. Circ. Res. 107(3):388-397(2010) Dick, D.M., et al. Mol. Psychiatry (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	331284238
NCBI GeneID	6404
NCBI Accession #	NP_001193538.1; NP_002997.2
NCBI GenBank Nucleotide #	NM_001206609.1
UniProt Accession #	Q14242; Q12775; Q6GTW7; Q8N7J7; A8K2Y0; B4DQC3; B7Z5C7; J3KMX6
Molecular Weight	43201
NCBI Official Full Name	P-selectin glycoprotein ligand 1 isoform 1
NCBI Official Synonym Full Names	selectin P ligand
NCBI Official Symbol	SELPLG
NCBI Official Synonym Symbols	CLA; CD162; PSGL1; PSGL-1
NCBI Protein Information	P-selectin glycoprotein ligand 1
UniProt Protein Name	P-selectin glycoprotein ligand 1
UniProt Gene Name	SELPLG

UniProt Synonym Gene Names	PSGL-1
UniProt Entry Name	SELPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/selplg-antibody-flow-cytometry-western-blot-elisa/289865>