

Rat anti-Human, Mouse SELPLG / PSGL-1 / CD162 Monoclonal Antibody | anti-SELPLG antibody

Rat Monoclonal [clone HECA-452] (IgM) to Human SELPLG / PSGL-1 / CD162

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51896	Rat	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry

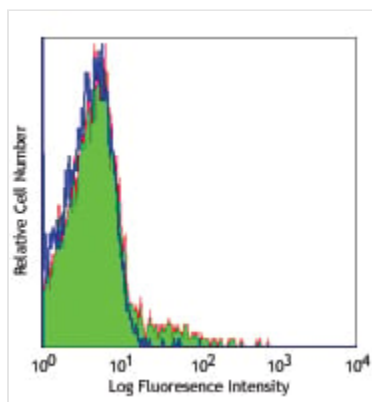
PRODUCT SYNONYMS

SELPLG / PSGL-1 / CD162; Monoclonal Antibody; Rat Monoclonal [clone HECA-452] (IgM) to Human SELPLG / PSGL-1 / CD162; Anti-SELPLG / PSGL-1 / CD162 Antibody (clone HECA-452) IHC-plus; SELPLG; CD162 antigen; CLA; CD162; PSGL1; PSGL-1; Selectin P ligand; Human SELPLG; anti-SELPLG antibody

PRODUCT SPECIFICATIONS

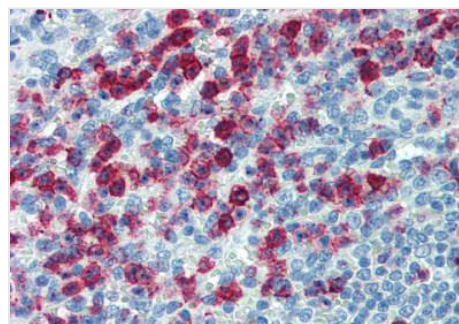
Host	Rat
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	HECA-452
Purity/Purification	Affinity Purified
Form/Format	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-SELPLG antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Stromal preparation from human tonsils
Preparation and Storage	+4 degree C, avoid freezing

IMAGES



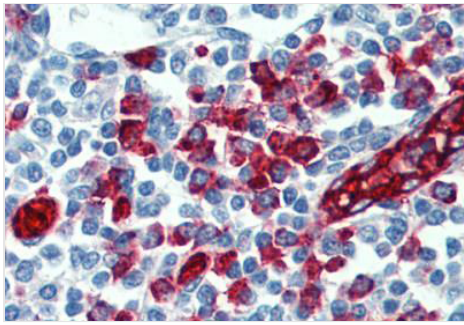
FCM/FACS (Flow Cytometry)

Human peripheral blood lymphocytes stained with purified HECA-452, followed by anti-mouse IgG FITC.



IHC (Immunohistochemistry)

Anti-SELPLG / CD162 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
 Anti-SELPLG / CD162 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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 Gplb-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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506879
NCBI GeneID	6404
NCBI Accession #	NP_002997.1
NCBI GenBank Nucleotide #	NM_003006.3
UniProt Accession #	Q14242; Q12775; Q6GTW7; Q8N7J7; A8K2Y0; B4DQC3; B7Z5C7; J3KMX6
Molecular Weight	44,648 Da
NCBI Official Full Name	P-selectin glycoprotein ligand 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; cutaneous lymphocyte-associated associated antigen
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.