

Mouse anti-Human SELP / P-Selectin / CD62P Monoclonal Antibody | anti-SELP antibody

Mouse Monoclonal [clone Psel.KO.2.5] (IgG1) to Human SELP / P-Selectin / CD62P

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51839	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry

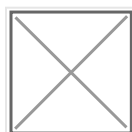
PRODUCT SYNONYMS

SELP / P-Selectin / CD62P; Monoclonal Antibody; Mouse Monoclonal [clone Psel.KO.2.5] (IgG1) to Human SELP / P-Selectin / CD62P; Anti-SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) IHC-plus; SELP; CD62P; CD62; GMP-140; GMRP; Granule membrane protein 140; LECAM3; P-selectin; PSEL; CD62P antigen; GMP140; Granulocyte membrane protein; GRMP; PADGEM; Human SELP; P-Selectin; anti-SELP antibody

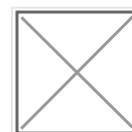
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Psel.KO.2.5
Specificity	Recognizes the CD62P cell surface antigen, a 140kD glycoprotein also known as P-selectin. CD62P is expressed by activated platelets and endothelial cells, and plays an important role in adhesive processes between leucocytes and endothelial cells. To produce this mAb, P-selectin-deficient mice were immunized with a pre-B-cell line transfected with human P-selectin cDNA.
Purity/Purification	Affinity Purified
Form/Format	PBS, pH 7.4, 0.09% sodium azide. Sourced in TCS.
Concentration	1 mg/ml (varies by lot)
Sequence Length	830
Applicable Applications for anti-SELP antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	CD62P transfected 300.19 cells.
Immunogen Type	Cells
Immunogen	SELP / P-Selectin / CD62P antibody was raised against cD62P transfected 300.19 cells.
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)
Thrombin activated human platelets stained with Mouse anti Human CD62P.



IHC (Immunohistochemistry)
Anti-CD62P 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-CD62P 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-SELP antibody	SELP encodes a 140 kD protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157419154
NCBI GeneID	6403
NCBI Accession #	NP_002996.2
NCBI GenBank Nucleotide #	NM_003005.3
Molecular Weight	90,834 Da
NCBI Official Full Name	P-selectin
NCBI Official Synonym Full Names	selectin P (granule membrane protein 140kDa, antigen CD62)
NCBI Official Symbol	SELP
NCBI Official Synonym Symbols	CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM
NCBI Protein Information	P-selectin; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein
UniProt Protein Name	P-selectin
UniProt Gene Name	SELP
UniProt Synonym Gene Names	GMRP; GRMP; GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_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/monoclonal/selp-p-selectin-cd62p-antibody-clone-psel-ko-2-5-flow-cytometry-immunoprecipitation-immunohistochemistry-elisa/51839>