

Mouse CD62P Monoclonal Antibody | anti-CD62P antibody

MOUSE ANTI HUMAN CD62P

CATALOG #	HOST	APPLICATIONS
AAA12247	Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

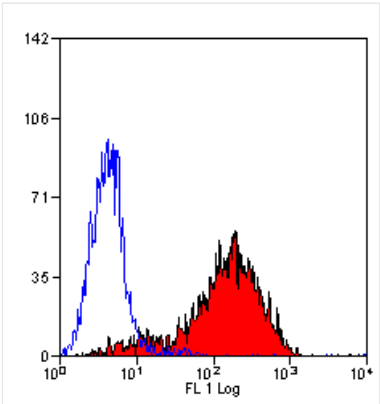
CD62P; Monoclonal Antibody; MOUSE ANTI HUMAN CD62P; P-SELECTIN; GMRP; GRMP; anti-CD62P antibody

PRODUCT SPECIFICATIONS

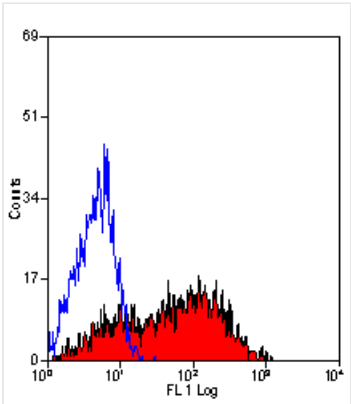
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AK-6
Specificity	Mouse anti Human CD62P antibody, clone AK-6 recognizes the CD62P, also known as P-selectin, Granule membrane protein 140, GMP140, Leukocyte-endothelial cell adhesion molecule 3 or Platelet activation dependent granule-external membrane protein. CD62P is a 830 amino acid, including a 41 amino acid signal peptide, ~140 kDa single pass type I transmembrane glycoprotein expressed on activated platelets and endothelial cell CD62P plays an important role in adhesive processes between leucocytes and endothelial cells. CD62P is a component of the platelet alpha granule and is rapidly translocated to the plasma membrane upon activation
Form/Format	Purified IgG - liquid; Phosphate buffered saline
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	830
Applicable Applications for anti-CD62P antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul. Immunohistology: This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections but staining may be enhanced using Sodium Citrate buffer pH6.0 Immunohistology - Frozen: Minimum Dilution: 1/1000; Maximum Dilution: 1/5000 Flow Cytometry: Minimum Dilution: 1/10; Maximum Dilution: 1/100 Immunohistology - Paraffin: Minimum Dilution: 1/500; Maximum Dilution: 1/2000 Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls. (1)Staining may be enhanced using Sodium Citrate buffer pH6.0
RRID	AB_1125272
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Immunogen	Human plateletmembrane glycoproteins.
Histology Positive Control Tissue	Tonsil
Target Species	Human

Species Cross-Reactivity	Reacts with: Rhesus Monkey N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators.
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

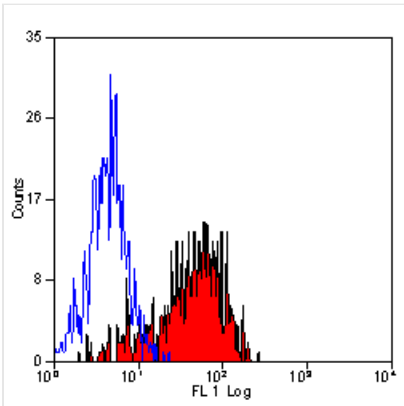
IMAGES



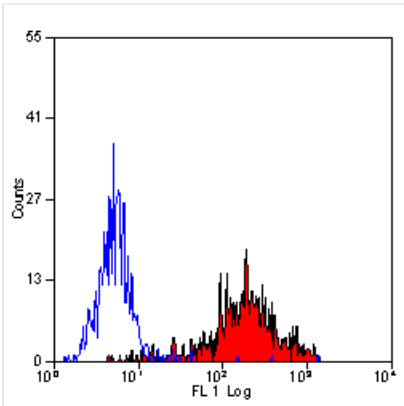
FCM (Flow Cytometry)
Staining of thrombin activated platelets with Mouse anti Human CD62P



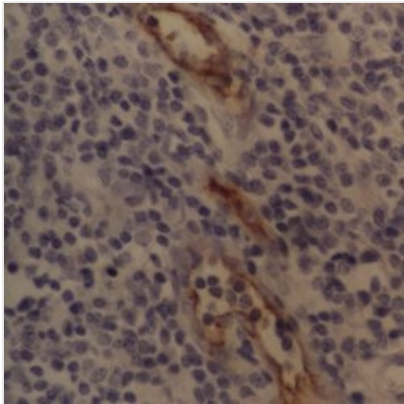
FCM (Flow Cytometry)
Staining of thrombin activated human platelets with Mouse anti Human CD62P:Azide Free



FCM (Flow Cytometry)
Staining of thrombin activated human peripheral blood platelets with Mouse anti Human CD62P: FITC



FCM (Flow Cytometry)
Staining of human peripheral blood platelets with Mouse anti Human CD62P (AAA12247



IHC (Immunohistochemistry)
Staining of human tonsil showing capillary endothelium. Formalin fixed, paraffin processed tissue with Mouse anti Human CD62P (P-Selectin) (AAA12247

ADDITIONAL INFORMATION

Related Product Information for anti-CD62P antibody	Mouse anti Human CD62P antibody, clone AK-6 recognizes the CD62P glycoprotein, a 140kD molecule expressed by activated platelets and endothelial cells. CD62P is also known as P-selectin, PADGEM or GMP140 and plays an important role in adhesive processes between leucocytes and endothelial cells. CD62P is a component of the alpha granule and is translocated to the plasma membrane upon activation.
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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
UniProt Accession #	P16109; Q5R344; Q8IVD1
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; CD62 antigen-like family member P; GMP-140; granule membrane protein 140; granulocyte membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; platelet alpha-granule 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd62p-antibody-clone-ak-6-immunohistochemistry-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/12247>