

Product datasheet for **TA320460**

CD62P (SELP) Mouse Monoclonal Antibody [Clone ID: AK-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AK-4
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	selectin P
Database Link:	NP_002996 Entrez Gene 6403 Human P16109

Background: The AK-4 monoclonal antibody reacts with human CD62P, a 140 kDa transmembrane glycoprotein also known as P-Selectin. Upon activation, CD62P is rapidly transported from its cytoplasmic stores in the Weibel-Palade bodies of endothelial cells or the alpha-granules of platelets to the surface. CD62P initiates the adhesive interaction between endothelial cells and neutrophils and monocytes during the inflammatory reaction and is also involved in the interaction of platelets with monocytes and neutrophils.

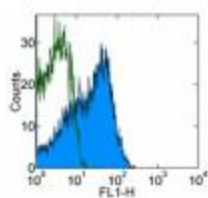
Synonyms: CD62; CD62P; GMP140; GRMP; LECAM3; PADGEM; PSEL

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)



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Product images:

Staining of thrombin-activated human peripheral blood platelets with 0.5 ug of Mouse IgG1 kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Human CD62P (P-Selectin) Purified (filled histogram) followed by Anti-Mouse IgG FITC. Total viable cells were used for analysis.