

## Product datasheet for **SM1150F**

### CD62P (SELP) Mouse Monoclonal Antibody [Clone ID: AK-6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AK-6
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of neat-1/10 diluted antibody to label 1 <sup>0</sup> cells in 100 µl. We recommend that this antibody be carefully titred against any previous batches to enable correct comparisons to be made with earlier results.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human platelet membrane glycoproteins.
Specificity:	This antibody reacts with a 140 kD antigen expressed on activated platelets and also on endothelial cells both of blood and lymph vessels.
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction from Tissue Culture Supernatant Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1 Absorption emission: 490 nm / 525 nm
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	selectin P



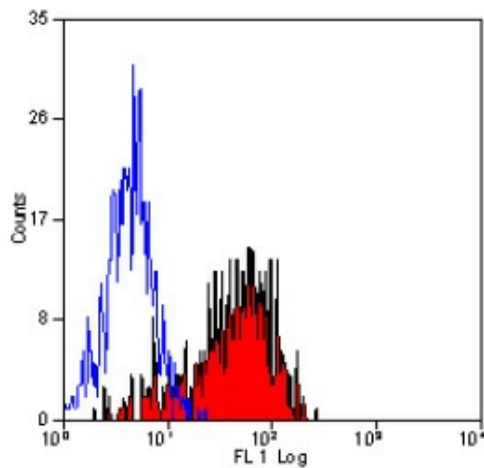
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**Database Link:** [Entrez Gene 6403 Human P16109](#)

**Background:** CD62P (P-selectin) is an adhesion glycoprotein that is expressed on platelets and endothelial cells upon their activation. Interaction between CD62P and its mucin-like ligand PSGL-1 (P-selectin glycoprotein ligand-1) expressed on the microvilli of most leukocytes supports leukocyte rolling along postkapillary venules at the earliest time of inflammation. Both CD62P and PSGL-1 are extended glycoproteins that form homodimers. CD62P dimerization is probably mediated through interactions of the transmembrane domains and stabilizes leukocyte tethering and rolling, probably by increasing rebinding within a bond cluster.

**Synonyms:** SELP, GMRP, GRMP, PADGEM, GMP-140, LECAM3

### Product images:



Staining of thrombin activated human peripheral blood platelets with Mouse Anti-Human CD62P Antibody FITC conjugated.