

Product datasheet for **SM1150R**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	AK-6
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10 ⁶ cells in 100 µl.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human platelet membrane glycoproteins.
Specificity:	This antibody recognises the CD62P cell surface antigen.
Formulation:	PBS Label: PE State: Lyophilized purified IgG fraction Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water.
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	selectin P
Database Link:	Entrez Gene 6403 Human P16109



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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. The antigen is expressed in the surface of activated platelets and also on endothelial cells both of blood and lymph vessels.

Synonyms:

SELP, GMRP, GRMP, PADGEM, GMP-140, LECAM3