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30-1907: Anti-CD62P / P-selectin Monoclonal Antibody (Clone:AK4)-Biotin Conjugated

Clonality :	Monoclonal
Clone Name :	AK4
Application :	IHC-Fr,FACS
Reactivity :	Human
Conjugate :	Biotin
Gene :	SELP
Gene ID :	6403
Uniprot ID :	P16109
Alternative Name :	SELP,GMRP,GRMP
Isotype :	Mouse IgG1
Immunogen Information :	Human platelets

Description

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.

Product Info

Amount :	0.1 mg
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 2-5 µg/ml.

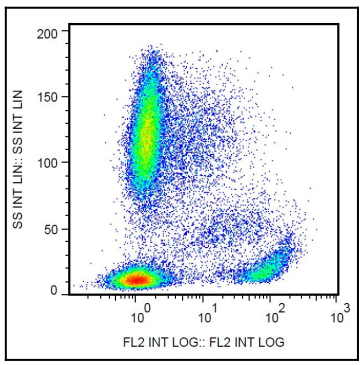


Figure 1: Surface staining of human peripheral blood with anti-CD62P (AK4) biotin.

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