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30-2082: Anti-CD62P / P-selectin Monoclonal Antibody (Clone:AK4)-FITC Conjugated

Clonality: Monoclonal

Clone Name: AK4

Application : FACS, IP, WB, ICC, Functional Assay **Reactivity :** Human, Non-Human Primates

Conjugate: FITC
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: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

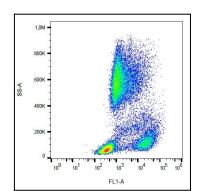


Figure 1: Surface staining of human peripheral blood with anti-CD62P (AK4) FITC.