

30-2319: Anti-CD62P / P-selectin Monoclonal Antibody (Clone:AK4)-PE Conjugated

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|--------------------------------|-------------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | AK4 |
| Application : | FACS, IP, WB, ICC, Functional Assay |
| Reactivity : | Human, Non-Human Primates |
| Conjugate : | PE |
| 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

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| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

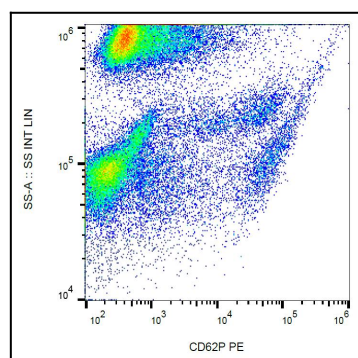


Figure 1: Surface staining of human peripheral blood with anti-CD62P (AK4) PE.