

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

|                                |                                     |
|--------------------------------|-------------------------------------|
| <b>Clonality :</b>             | Monoclonal                          |
| <b>Clone Name :</b>            | AK4                                 |
| <b>Application :</b>           | FACS, IP, WB, ICC, Functional Assay |
| <b>Reactivity :</b>            | Human, Non-Human Primates           |
| <b>Conjugate :</b>             | FITC                                |
| <b>Gene :</b>                  | SELP                                |
| <b>Gene ID :</b>               | 6403                                |
| <b>Uniprot ID :</b>            | P16109                              |
| <b>Alternative Name :</b>      | SELP,GMRP,GRMP                      |
| <b>Isotype :</b>               | Mouse IgG1                          |
| <b>Immunogen Information :</b> | 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 postcapillary 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

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

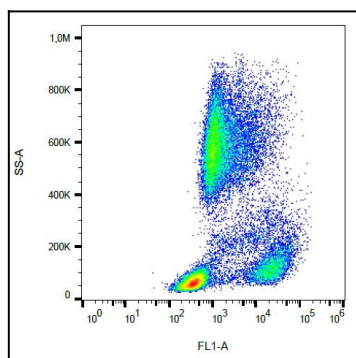


Figure 1: Surface staining of human peripheral blood with anti-CD62P (AK4) FITC.