

### 30-1473: Anti-CD62P / P-selectin Monoclonal Antibody (Clone:AK4)

<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>Gene :</b>	SELP
<b>Gene ID :</b>	6403
<b>Uniprot ID :</b>	P16109
<b>Format :</b>	Purified
<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>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Recommended dilution:* 1.5  $\mu\text{g/ml}$

**Immunoprecipitation Western Blotting Immunocytochemistry Functional Application** Blocking