

## CD62P (PN0135) Nb-FC recombinant antibody

<b>Catalog No :</b>	YA0433
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD62P
<b>Gene Name :</b>	SELP GMRP GRMP
<b>Protein Name :</b>	P-selectin (CD62 antigen-like family member P) (Granule membrane protein 140) (GMP-140) (Leukocyte-endothelial cell adhesion molecule 3) (LECAM3) (Platelet activation dependent granule-external membra
<b>Human Gene Id :</b>	6403
<b>Human Swiss Prot No :</b>	P16109
<b>Immunogen :</b>	Purified recombinant Human CD62P
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD62P protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	CD62P is a 140 kD type I transmembrane glycoprotein also known as P-selectin, platelet activation-dependent granule membrane protein (PADGEM),

and GMP-140. It is expressed on activated platelets, megakaryocytes, and endothelial cells. CD62P is primarily stored in secretory  $\alpha$ -granules in platelets and Weibel-Palade bodies in endothelial cells, and is rapidly relocated to the plasma membrane upon activation. The ligands for CD62P are CD162 and CD24. A primary function of CD62P is cell adhesion during neutrophil rolling, and platelet-neutrophil and platelet-monocyte interactions.

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**Function :**

Ca<sup>2+</sup>-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with SELPLG.

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**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein .

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**Expression :**

Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

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## Products Images