

CD62P (PN0137) Nb-FC recombinant antibody

Catalog No :	YA0435
Reactivity :	Human
Applications :	ELISA
Target :	CD62P
Gene Name :	SELP GMRP GRMP
Protein Name :	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
Human Gene Id :	6403
Human Swiss Prot No :	P16109
Immunogen :	Purified recombinant Human CD62P
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD62P protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	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 α -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.

Function :

Ca²⁺-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.

Subcellular Location :

Cell membrane ; Single-pass type I membrane protein .

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.

Products Images