Best Tools for immunology Research

CD162 (PN0284) Nb-FC recombinant antibody

Catalog No :	YA0124
Reactivity :	Human
Applications :	ELISA
Target :	CD162
Gene Name :	SELPLG
Protein Name :	P-selectin glycoprotein ligand 1 (PSGL-1) (Selectin P ligand) (CD antigen CD162)
Human Gene Id :	6404
Human Swiss Prot No :	Q14242
Immunogen :	Purified recombinant Human CD162
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD162 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 :	CD162, also known as p-selectin glycoprotein ligand-1 (PSGL-1), is a 120 - 220 kD, mucin-like type I transmembrane glycoprotein. CD162 binds to CD62P (P-Selectin), CD62E (E-Selectin) and CD62L (L-Selectin). The interactions between

P-selectin and P-selectin glycoprotein ligand-1 (PSGL-1) mediate the earliest "rolling" of leukocytes on the lumenal surface of activated endothelium, and the interaction between leukocytes and activated platelets or other leukocytes found at sites of inflammation. CD162 is expressed on neutrophils, monocytes, and most lymphocytes including NK and T cells but PSGL-1 stains B cells at significantly lower levels than other cell types.

Function : A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture.

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Expressed on neutrophils, monocytes and most lymphocytes.

Tag : recombinant

Sort : 9999

No4 : 1

Speciality : Nanobody

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