Best Tools for immunology Research

CD142 (PN0278) Nb-FC recombinant antibody

Catalog No :	YA0104
Reactivity :	Human
Applications :	ELISA
Target :	CD142
Gene Name :	F3
Protein Name :	Tissue factor (TF) (Coagulation factor III) (Thromboplastin) (CD antigen CD142)
Human Gene Id :	2152
Human Swiss Prot No :	P13726
Immunogen :	Purified recombinant Human CD142
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD142 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 :	CD142, also known as Tissue Factor (TF), Coagulation Factor III, and Thromboplastin, is a 45 kD type I transmembrane glycoprotein. It is expressed on the surface of a variety of cells that are physically separated from the circulating blood which include smooth muscle cells, fibroblasts, keratinocytes, glomerular

	epithelial cells (cytoplasmic inclusions), astrocytes, myocardium, liver stromal cells, pancreas cells, and is also expressed on activated monocytes and stimulated endothelial cells. CD142 is a high-affinity receptor for coagulation factor VII and initiates the extrinsic pathway of blood coagulation. CD142 also plays an important role in a variety of diseases such as sepsis, atherosclerosis, and cancer.
Function :	Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.
Subcellular Location :	[Isoform 1]: Membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
Expression :	Lung, placenta and pancreas.
Tag :	recombinant
Sort :	9999
No4 :	1
Speciality :	Nanobody

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