

CD34 (PN0491) Nb-FC recombinant antibody

Catalog No :	YA0321
Reactivity :	Human
Applications :	FCM;ELISA
Target :	CD34
Gene Name :	CD34
Protein Name :	Hematopoietic progenitor cell antigen CD34 (CD antigen CD34)
Human Gene Id :	947
Human Swiss Prot No :	P28906
Immunogen :	Purified recombinant Human CD34
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD34 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;FCM 1-2µg/Test
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 :	The protein encoded by This gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for This gene.

[provided by RefSeq, Aug 2011]

Function :

alternative products:Both isoforms are expressed on the cell surface. CD34-T/CD34-F ratio increases with cell differentiation,developmental stage:On early hematopoietic progenitor cells.,disease:Abnormal CD34 expression in leukemogenesis.,Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.,online information:CD34 entry,PTM:Highly glycosylated.,PTM:Phosphorylated on serine residues by PKC.,similarity:Belongs to the CD34 family.,tissue specificity:Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.,

Subcellular Location :

Membrane; Single-pass type I membrane protein.

Expression :

Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.

Products Images