

CD34 (PN0494) Nb-FC recombinant antibody

| | |
|------------------------------|---|
| Catalog No : | YA0324 |
| Reactivity : | Human |
| Applications : | 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 |
| 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