

**CD56 (PN0635) Nb-FC recombinant antibody**

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| <b>Catalog No :</b>          | YA0413   |
| <b>Reactivity :</b>          | Human  |
| <b>Applications :</b>        | ELISA  |
| <b>Target :</b>              | CD56   |
| <b>Gene Name :</b>           | NCAM1 NCAM   |
| <b>Protein Name :</b>        | Neural cell adhesion molecule 1 (N-CAM-1) (NCAM-1) (CD antigen CD56)   |
| <b>Human Gene Id :</b>       | 4684   |
| <b>Human Swiss Prot No :</b> | P13591   |
| <b>Immunogen :</b>           | Purified recombinant Human CD56  |
| <b>Specificity :</b>         | This recombinant monoclonal antibody can detects endogenous levels of CD56 protein.  |
| <b>Formulation :</b>         | Phosphate-buffered solution  |
| <b>Source :</b>              | Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell  |
| <b>Dilution :</b>            | ELISA 1:5000-100000  |
| <b>Purification :</b>        | Recombinant Expression and Affinity purified   |
| <b>Concentration :</b>       | Please check the information on the tube   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Avoid freeze / thaw cycles)  |
| <b>Background :</b>          | This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in |

development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]

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**Function :**

This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.,online information:N-CAM 140,online information:NCAM entry,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,

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**Subcellular Location :**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform 4]: Cell membrane ; Lipid-anchor, GPI-anchor .; [Isoform 5]: Secreted.; [Isoform 6]: Secreted .

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**Expression :**

Brain,Brain cortex,Kidney,Ovary,Plasma,Skeletal muscle,Testis

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