

**CD48 (PN0196) Nb-FC recombinant antibody**

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| <b>Catalog No :</b>          | YA0381   |
| <b>Reactivity :</b>          | Human  |
| <b>Applications :</b>        | ELISA  |
| <b>Target :</b>              | CD48   |
| <b>Gene Name :</b>           | CD48 BCM1 BLAST1   |
| <b>Protein Name :</b>        | CD48 antigen (B-lymphocyte activation marker BLAST-1) (BCM1 surface antigen) (Leukocyte antigen MEM-102) (SLAM family member 2) (SLAMF2) (Signaling lymphocytic activation molecule 2) (TCT.1) (CD antig |
| <b>Human Gene Id :</b>       | 962  |
| <b>Human Swiss Prot No :</b> | P09326   |
| <b>Immunogen :</b>           | Purified recombinant Human CD48  |
| <b>Specificity :</b>         | This recombinant monoclonal antibody can detects endogenous levels of CD48 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>Cell Pathway :</b>        | Natural killer cell mediated cytotoxicity;   |

**Background :** This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for This gene. [provided by RefSeq, Dec 2011]

**Function :** Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,

**Subcellular Location :** Cell membrane ; Lipid-anchor, GPI-anchor . Secreted .

**Expression :** Widely expressed on all hematopoietic cells.

## Products Images

