

CD48 (PN0447) Nb-FC recombinant antibody

CatalogNo: YA0132 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Isotype

- IgG2a, Kappa

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)**Formulation** Phosphate-buffered solution

Recommended Dilution Ratios

ELISA 1:5000-100000

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Purification** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Clone Number** PN0447

Immunogen Information

Immunogen Purified recombinant Human CD48**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD48 protein.

Target Information

Gene name CD48 BCM1 BLAST1

Protein Name 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 antigen CD48)

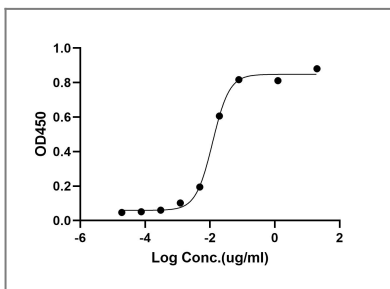
Organism	Gene ID	UniProt ID
Human	962 ;	P09326 ;

Cellular Localization Cell membrane ; Lipid-anchor, GPI-anchor . Secreted .

Tissue specificity Detected on hematopoietic stem cells derived from umbilical cord blood (PubMed:2474813). Detected on lymph vessel endothelial cells, skin and tonsil (PubMed:23169771). Detected on peripheral blood monocytes (PubMed:154873). Detected on monocyte-derived dendritic cells (at protein level) (PubMed:1635286). Detected at low levels in spleen, placenta, liver (PubMed:952422). Expressed by activated T-cells, B-cells, monocytes and thymic epithelial cells (PubMed:7767). Isoform 1 and isoform 3 are detected in vein and artery endothelial cells, astrocytes, keratinocytes and artery smooth muscle cells (PubMed:15496415). Expressed by neurons in the brain. Restricted expression in tumor cell lines. Detected in highly metastasizing melanoma cell lines (PubMed:952422).

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.,

Validation Data



Contact information

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CD48 (PN0447) Nb-FC recombinant antibody

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