

CD48 (PN0059) Nb-FC recombinant antibody

CatalogNo: YA0131 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA,FC

Recommended Dilution Ratios

ELISA 1:5000-100000

Storage

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

Formulation Phosphate-buffered solution

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 PN0059

Immunogen Information

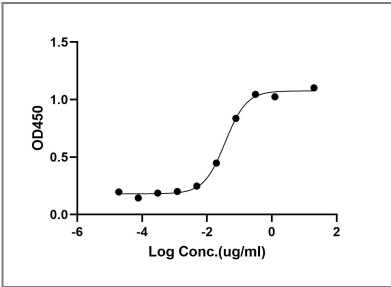
Immunogen Purified recombinant Human CD48

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	214;	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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