

CD166 (PN0223) Nb-FC recombinant antibody

CatalogNo: YA0207 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

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 PN0223

Immunogen Information

Immunogen Purified recombinant Human CD166

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD166 protein.

Target Information

Gene name	ALCAM MEMD		
Protein Name	CD166 antigen (Activated leukocyte cell adhesion molecule) (CD antigen CD166)		
	Organism	Gene ID	UniProt ID
	Human	3559 ;	Q13740 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite . Detected at the immunological synapse, i.e, at the contact zone between antigen-presenting dendritic cells and T-cells (PubMed:15294938, PubMed:16352806). Colocalizes with CD6 and the TCR/CD3 complex at the immunological synapse (PubMed:15294938). . ; [Isoform 3]: Secreted .		
Tissue specificity	Thymus		
Function	Domain:The CD6 binding site is located in the N-terminal Ig-like domain.,Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Spleen, placenta, liver, and weakly in liver. Expressed by activated T-cells, B-cells, monocytes and thymic epithelial cells. Expressed by neurons in the brain. Restricted expression in tumor cell lines. Preferentially expressed in highly metastasizing melanoma cell lines.,		

| Validation Data

| Contact information

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