

CD47 (PN0022) Nb-FC recombinant antibody

CatalogNo: YA0092 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA,FC

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

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 PN0022

Immunogen Information

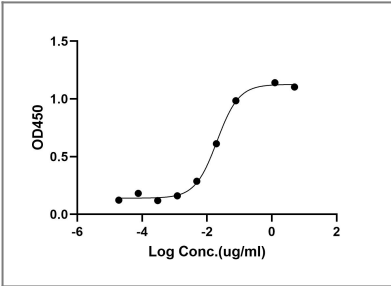
Immunogen Purified recombinant Human CD47

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD47 protein.

Target Information

Gene name	CD47		
Protein Name	Leukocyte surface antigen CD47		
	Organism	Gene ID	UniProt ID
	Human	7056;	Q08722;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Endothelial cells are unique in synthesizing thrombomodulin.		
Function	<p>Function:Has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. Plays an important role in memory formation and synaptic plasticity in the hippocampus (By similarity). Receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation. May play a role in membrane transport and/or integrin dependent signal transduction. May prevent premature elimination of red blood cells. May be involved in membrane permeability changes induced following virus infection.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with THBS1 and fibrinogen (By similarity). Monomer. Interacts with SIRPA, SIRPG, UBQLN1 and UBQLN2.,tissue specificity:Very broadly distributed on normal adult tissues, as well as ovarian tumors, being especially abundant in some epithelia and the brain.,</p>		

Validation Data



Contact information

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**CD47 (PN0022) Nb-
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