

## CD38 (PN0518) Nb-FC recombinant antibody

CatalogNo: YA0617 **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** PN0518

### | Immunogen Information

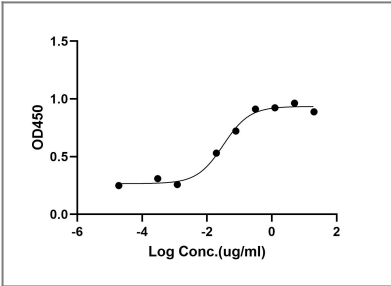
**Immunogen** Purified recombinant Human CD38

**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD38 protein.

### | Target Information

<b>Gene name</b>	CD38		
<b>Protein Name</b>	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 (2'-phospho-ADP-ribosyl cyclase) (2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase) (2'-phospho-cyclic-ADP-ribose transferase) (ADP-ribosyl cyclase 1) (ADPRC 1) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (T10) (CD antigen CD38)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">3558</a> ;	<a href="#">P28907</a> ;
<b>Cellular Localization</b>	Membrane; Single-pass type II membrane protein.		
<b>Tissue specificity</b>	Blood,PCR rescued clones,Placenta,Spleen		
<b>Function</b>	Catalytic activity:NAD(+) + H(2)O = ADP-ribose + nicotinamide.,developmental stage:Preferentially expressed at both early and late stages of the B and T-cell maturation. It is also detected on erythroid and myeloid progenitors in bone marrow, where the level of surface expression was shown to decrease during differentiation of blast-forming unit E to colony-forming unit E.,enzyme regulation:ATP inhibits the hydrolyzing activity.,Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.,online information:CD38 entry,similarity:Belongs to the ADP-ribosyl cyclase family.,tissue specificity:Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma.,		

Validation Data



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Please scan the QR code to access additional product information:

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