

## CD38 (PN0404) Nb-FC recombinant antibody

CatalogNo: YA0006 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA

### 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** PN0404

### Immunogen Information

**Immunogen** Purified recombinant Human CD38

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

### Target Information

**Gene name** CD38

**Protein Name** 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)

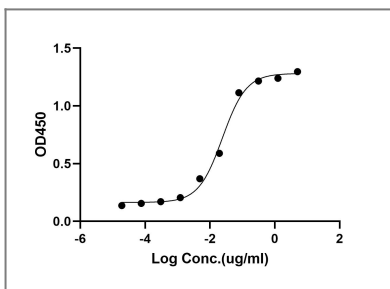
Organism	Gene ID	UniProt ID
Human	<a href="#">4311</a> ;	<a href="#">P28907</a> ;

**Cellular Localization** Membrane; Single-pass type II membrane protein.

**Tissue specificity** Adrenal cortex,Brain,Kidney,Placenta

**Function** Catalytic activity:NAD(+) + H<sub>2</sub>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



## Contact information

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**CD38 (PN0404) Nb-FC recombinant antibody**

