

## CD86 (PN0375) Nb-FC recombinant antibody

CatalogNo: YA0290 **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** PN0375

### Immunogen Information

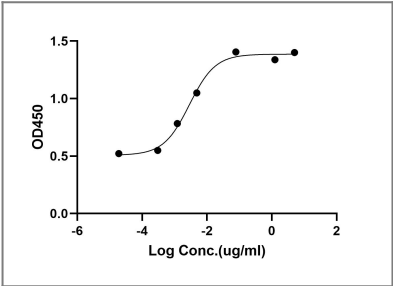
**Immunogen** Purified recombinant Human CD86

**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD86 protein.

### Target Information

|                              |   |                        |                          |
|------------------------------|---|------------------------|--------------------------|
| <b>Gene name</b>             | CD86 CD28LG2  |                        |                          |
| <b>Protein Name</b>          | T-lymphocyte activation antigen CD86 (Activation B7-2 antigen) (B70) (BU63) (CTLA-4 counter-receptor B7.2) (FUN-1) (CD antigen CD86)  |                        |                          |
|                              | <b>Organism</b>   | <b>Gene ID</b>         | <b>UniProt ID</b>        |
|                              | Human   | <a href="#">2213</a> ; | <a href="#">P42081</a> ; |
| <b>Cellular Localization</b> | Cell membrane; Single-pass type I membrane protein.   |                        |                          |
| <b>Function</b>              | Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.,online information:CD86 entry,PTM:Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with MARCH8. Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with adenovirus subgroup B fiber proteins and acts as a receptor for these viruses.,tissue specificity:Expressed by activated B-lymphocytes and monocytes., |                        |                          |

| Validation Data



| Contact information

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Please scan the QR code to access additional product information:

**CD86 (PN0375) Nb-FC recombinant antibody**