

CD86 (PN0599) Nb-FC recombinant antibody

CatalogNo: YA0512 **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** PN0599

Immunogen Information

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

| Target Information

Gene name	CD86 CD28LG2		
Protein Name	T-lymphocyte activation antigen CD86 (Activation B7-2 antigen) (B70) (BU63) (CTLA-4 counter-receptor B7.2) (FUN-1) (CD antigen CD86)		
	Organism	Gene ID	UniProt ID
	Human	942 ;	P42081 ;
Cellular Localization	Cell membrane; Single-pass type I membrane protein.		
Tissue specificity	Expressed by activated B-lymphocytes and monocytes.		
Function	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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