

CD86 Rabbit pAb

CatalogNo: YT7823 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IF, ELISA

MW

- 60-80kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IF/ICC 1:100-500

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human CD86. AA range:115-185

Specificity This antibody detects endogenous levels of Human CD86

Target Information

Gene name CD86 CD28LG2

Protein Name CD86

Organism	Gene ID	UniProt ID
Human	942;	P42081;
Mouse	12524;	P42082;

Cellular Localization Cell membrane; Single-pass type I membrane protein.

Tissue specificity Expressed by activated B-lymphocytes and monocytes.

Function 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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CD86 Rabbit pAb

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