

## 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

**Specificity** This antibody detects endogenous levels of Human CD86

### Target Information

**Gene name** CD86 CD28LG2

**Protein Name** CD86

Organism	Gene ID	UniProt ID
Human	<a href="#">942</a> ;	<a href="#">P42081</a> ;
Mouse	<a href="#">12524</a> ;	<a href="#">P42082</a> ;

**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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