

# CD86 (PT0048R) PT™ Rabbit mAb

CatalogNo: YM8023 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Mouse

### Applications

- WB,IHC,IF,ELISA

### MW

- 60-80kD (Calculated)

### Isotype

- IgG,Kappa

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

## Recommended Dilution Ratios

**IHC 1:200-1000****WB 1:500-5000****IF 1:200-1000****ELISA 1:5000-20000**

## Basic Information

**Clonality** Monoclonal**Clone Number** PT0048R

## Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** CD86 CD28LG2

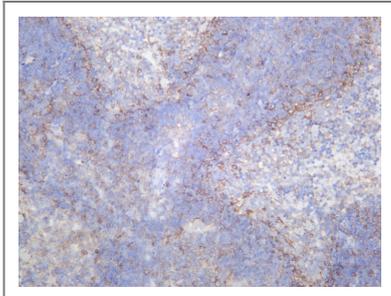
**Protein Name** CD86

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

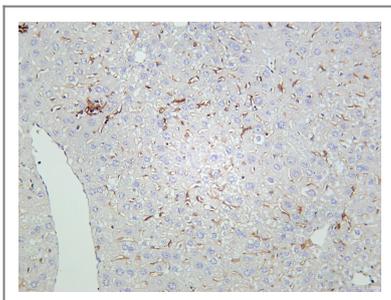
**Cellular Localization** Membranous

**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.,

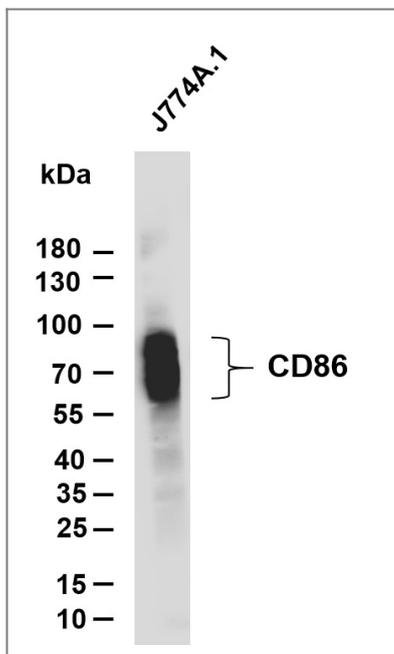
## Validation Data



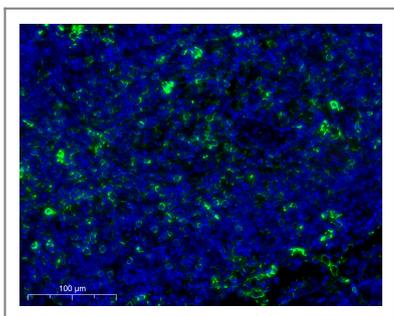
Mouse spleen was stained with anti-CD86 rabbit antibody



Mouse liver tissue was stained with Anti-CD86 rabbit Antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD86 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: J774A.1 Predicted band size: 35kDa Observed band size: 60-85kDa



Immunofluorescence analysis of paraffin-embedded Mouse spleen. Primary Antibody was diluted at 1:200(4° overnight). an Multi colour-Fluorescence kit (RS0035, Immunoway). EDTA based antigen retrieval was used before Green tyramide signal amplification. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (3D histech).

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
 Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
 Telephone: 400-8787-807(China)  
 Website: <http://www.immunoway.com.cn>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**CD86 (PT0048R)**  
**PT™ Rabbit mAb**

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