

## CD86 Mouse mAb

CatalogNo: YM0137 **Orthogonal Validated** 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,ELISA

#### MW

- 60-80kD (Calculated)

### 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 1:500-1:2000****ELISA 1:10000****Not yet tested in other applications.**

### Basic Information

**Clonality** Monoclonal**Clone Number** 7E3

### Immunogen Information

**Immunogen** Purified recombinant fragment of human CD86 expressed in E. Coli.**Specificity** CD86 Monoclonal Antibody detects endogenous levels of CD86 protein.

## Target Information

**Gene name** CD86

**Protein Name** T-lymphocyte activation antigen CD86

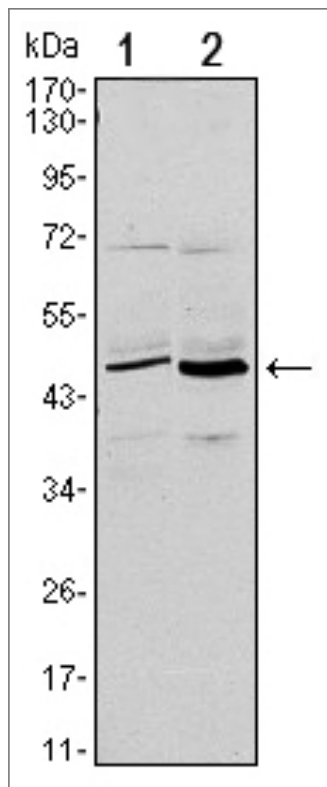
Organism	Gene ID	UniProt ID
Human	<a href="#">942;</a>	<a href="#">P42081;</a>
Mouse		<a href="#">P42082;</a>

**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



Western Blot analysis using CD86 Monoclonal Antibody against L1210 (1) and MOLT-4 (2) cell lysate.

## | Contact information

Orders: order.cn@immunoway.com  
Support: 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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