

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

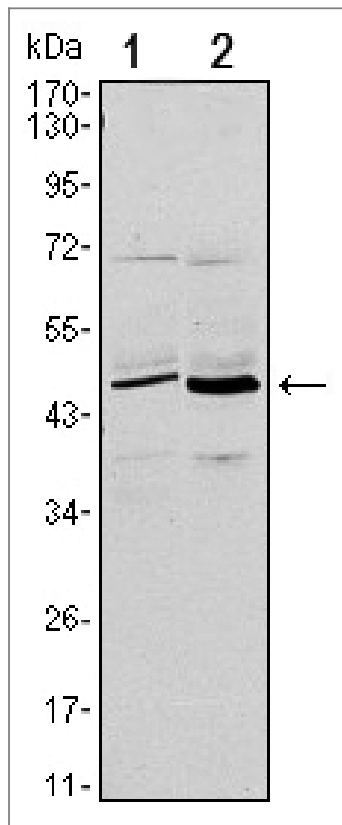
Organism	Gene ID	UniProt ID
Human	942 ;	P42081 ;
Mouse		P42082 ;

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



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

| Contact information

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CD86 Mouse mAb

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