

## CD86 monoclonal antibody

Catalog: MB21377

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. Tissue specificity: Expressed by activated B-lymphocytes and monocytes.

### Product:

Ascitic fluid containing 0.03% sodium azide.

### Molecular Weight:

52kDa

### Swiss-Prot:

P42081

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by

affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000

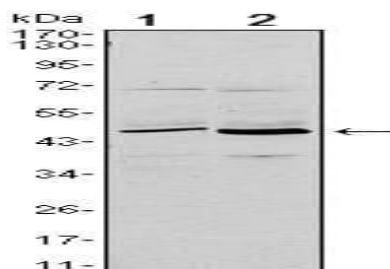
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CD86 mouse mAb against L1210 (1) and MOLT-4 (2) cell lysate.

### Note:

For research use only, not for use in diagnostic procedure.

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