

human CD86 Mouse mAb

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Catalog # AP94188

Product Information

Host	Rabbit
Clonality	Monoclonal
Calculated MW	31 KDa
Physical State	Liquid
Isotype	Mouse IgG1, k
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4).
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein.
SIMILARITY	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
SUBUNIT	Homodimer. 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.
Post-translational modifications	Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 several transcript variants encoding different isoforms.[provided by RefSeq, May 2011].

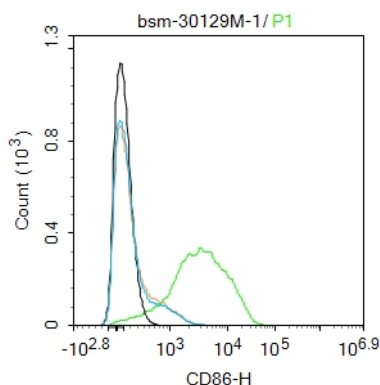
Additional Information

Target/Specificity	Expressed by activated B-lymphocytes and monocytes.
Dilution	Flow-Cyt=10ul/Test
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Blank control:THP-1. Primary Antibody (green line): Mouse Anti-CD86 antibody (AP94188) Dilution: 10ul/Test; Secondary Antibody (white blue line) : Goat anti-Mouse IgG-FITC Dilution: 0.5ug/Test. Isotype control(orange line) : Normal Mouse IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

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