

mouse CD86 Rat mAb

Catalog Number: bsm-30162A

Target Protein: mouse CD86

Form: Liquid

Host: Rat

Clonality: Monoclonal

Clone No.: 3D5

Isotype: Rat IgG2a, k

Applications: Flow-Cyt (1ug/Test)

Reactivity: Mouse (predicted:Human)

Predicted MW: 31 kDa

Detected MW: 72-74 kDa

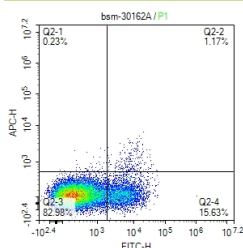
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 several transcript variants encoding different isoforms.[provided by RefSeq, May 2011].

VALIDATION IMAGES



scatter diagram showing mouse spleen stained with CD86. The cells were incubated with the antibody (bsm-30162A, 1 µg/Test) for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of >20,000 events was performed.