

**bsm-30129M****[ Primary Antibody ]****human CD86 Mouse mAb****BioSS**  
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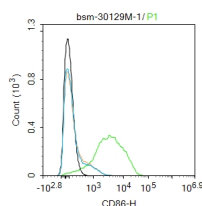
400-901-9800

**— DATASHEET —****Host:** Mouse**Isotype:** Mouse IgG1, k**Applications:** Flow-Cyt (10ul/Test)**Clonality:** Monoclonal**CloneNo.:** 8H6**Reactivity:** Human**Target:** human CD86**Purification:** affinity purified by Protein G**Storage:** 0.01M TBS (pH7.4).

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

**Predicted  
MW.:** 31 kDa

**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].

**Subcellular  
Location:** Cell membrane**— VALIDATION IMAGES —**

Blank control: THP-1. Primary Antibody (green line): Mouse Anti-CD86 antibody (bsm-30129M)  
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.