

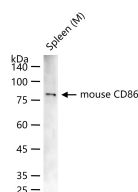
bsm-30162A**[Primary Antibody]****mouse CD86 Rat mAb****BioSS**
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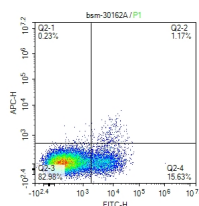
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —**Host:** Rat**Isotype:** Rat IgG2a, k**Applications:** WB (1:500-2000)**Clonality:** Monoclonal**CloneNo.:** 3D5**Flow-Cyt** (1ug/Test)**Target:** mouse CD86**Reactivity:** Mouse**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.**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].**Observed MW.:** 80 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with mouse CD86 monoclonal antibody, unconjugated (bsm-30162A) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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.