

bsm-30264A**[Primary Antibody]****mouse CD80 Rat mAb**

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— DATASHEET —**Host:** Rat**Isotype:** Rat IgG2a, k**Applications:** Flow-Cyt (1:50-100)**Clonality:** Monoclonal**CloneNo.:** 8H2**Reactivity:** (predicted: Mouse)**Target:** mouse CD80**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.:** 32 kDa

Background: CD80 is a member of the Ig superfamily and serves as the ligand for two T cell molecules, CD28 and CTLA4. Interactions between CD28 and CD80 on activated B cells result in enhanced T cell activation. CD80 is rapidly induced on the surface of in vitro activated B cells, Epstein Barr Virus (EBV) transformed B cell lines, Burkitts lymphoma cell lines, freshly isolated follicular B lymphoma cells, T cells, and monocytes. It is also expressed at high levels in dendritic cells. It reacts weakly with a small proportion of non activated normal B cells and with HTLV1 infected T cells. CD80 does not react with peripheral monocytes, resting and activated normal T cells, T cell lines and T cell clones, nor with myelomonocytic cell lines.

**Subcellular
Location:** Cell membrane