
mouse CD80 Rat mAb

Catalog Number: bsm-30264A

Target Protein: mouse CD80

Form: Liquid

Host: Rat

Clonality: Monoclonal

Clone No.: 8H2

Isotype: Rat IgG2a, k

Applications: Flow-Cyt (1:50-100)

Reactivity: (predicted:Mouse)

Predicted MW: 32 kDa

Detected MW: 60 kDa

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.

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.