

B7-1/CD80 Rabbit pAb

Catalog Number: bs-23296R

Target Protein: B7-1/CD80

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-1000)

Reactivity: Mouse, Rat

Predicted MW: 32 kDa

Entrez Gene: 12519

Swiss Prot: Q00609

Source: KLH conjugated synthetic peptide derived from mouse B7-1/CD80: 1-100/306.

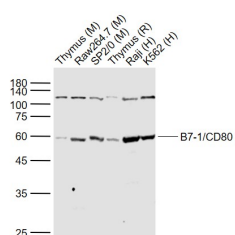
Purification: affinity purified by Protein A

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: 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.

VALIDATION IMAGES



Sample: Lane 1: Thymus (Mouse) Lysate at 40 ug Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 ug Lane 3: SP2/0 (Mouse) Cell Lysate at 30 ug Lane 4: Thymus (Rat) Lysate at 40 ug Lane 5: Raji (Human) Cell Lysate at 30 ug Lane 6: K562 (Human) Cell Lysate at 30 ug Primary: Anti-B7-1/CD80 (bs-23296R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60-65 kD Observed band size: 60 kD