

**ANTIGENIX AMERICA Inc.**  
**1-800-558-1008**  
**PRODUCT INFORMATION SUMMARY**

**ANTI-MOUSE CD80 (B7-1 Protein)**

Anti-B7-1                      PRODUCT NUMBER RM808020                      Purified                      0.25 mg

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Rat monoclonal antibodies specific for MURINE B7-1 protein bearing cells. Expression of B-7 Protein on tumor cells may restore their immunogenicity -**see reference:** *Baskar, et al, (1993), "Constitutive expression of B7 restores immunogenicity of tumor cells expressing truncated major histocompatibility complex class II molecules.", PNAS (USA), 90, 5687-5690.*

**CLONE:**

Anti-B7 Ig chain composition: Rat IgG2a, Kappa

**HANDLING AND STORAGE:**

Purified monoclonal antibody provided as 0.5 mL liquid as PBS with 0.1% sodium azide and gelatin. Purified antibody should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use. Small portions may be re-frozen and stored at -20° C. Avoid multiple freeze-thaw cycles.

**PRODUCT USE:**

For flow cytometry use approximately 2 ug per test; For immuno-histochemistry, Purified Anti-Mouse B7-1 should be diluted, using enough reagent to cover the tissue section or cytoprep. As second antibody, use ANTIGENIX mouse anti-RAT Igs (FITC, or PE or Biotin conjugates (cat. #s MR10035, MR10070, MR10060, respectively).

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**