

Anti-Mouse CD80 (RM80) In Vivo Antibody - Low Endotoxin

Product Code: ICH1276

More Information

Species Reactivity: Mouse

Target: CD80

Concentration: >1.0 mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse CD80 (RM80) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P33681;Q00609

Shipping Conditions: Blue ice

background: CD80 (B7-1) is a co-stimulatory ligand on antigen-presenting cells that engages CD28 and CTLA-4 to shape T-cell activation. Clone RM80 is a rat IgG2a monoclonal antibody against mouse CD80, validated for blocking, functional assays, and immunohistochemistry. Anti-CD80 clone RM80 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. With reliable lot-to-lot consistency, RM80 is a dependable reagent for studying co-stimulation and antigen-presenting-cell biology in mice, offered strictly for research use only.

Other names: B7-1

clone: RM80

Specificity: CD80

Purification Method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% by SDS-PAGE

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Blocking, Functional Assays, Immunohistochemistry

Application Notes: This antibody is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.