

Anti-Mouse CD40L (MR1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1263

More Information

Target: CD40L

Concentration: >1.0 mg/ml

Isotype: Mouse IgG1

Host: Mouse

product name H2: Anti-Mouse CD40L (MR1) In Vivo Antibody - Low Endotoxin

Buffer: ICH3002

UniProt: P29965

background: CD40L (CD154) is a TNF-superfamily ligand expressed mainly on activated T cells that engages CD40 to drive B-cell, dendritic-cell, and macrophage activation. Clone MR1 is a mouse IgG1 monoclonal antibody recognising mouse CD40L, validated for ELISA, flow cytometry, neutralization, and functional assays. Anti-CD40L MR1 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic reagent, intended for research use only, gives reproducible lot-to-lot performance for mouse CD40/CD40L co-stimulation and immune-regulation studies.

Other names: CD154, Tnfsf5, Cd40lg, CD40 ligand

Specificity: Mouse

Purification Method: All the monoclonal antibodies in this panel were 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: ELISA, flow cytometry, neutralization, functional assays

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.