

Anti-Mouse 4-1BB (LOB12.3) In Vivo Antibody - Low Endotoxin

Product Code: ICH1274

More Information

Species Reactivity: Mouse

Target: 4-1BB

Concentration: >1.0 mg/ml

Isotype: Rat IgG1

Host: Rat

product name H2: Anti-Mouse 4-1BB (LOB12.3) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P20334

Shipping Conditions: Blue ice

background: 4-1BB (CD137) is a co-stimulatory receptor that boosts T-cell proliferation, survival, and effector function, making it a prominent focus of immunotherapy research. Clone LOB12.3 is a rat IgG1 monoclonal antibody against mouse 4-1BB, validated for flow cytometry, IHC, and in vivo co-stimulation studies. Anti-4-1BB clone LOB12.3 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 dependable reproducibility, LOB12.3 is a trusted reagent for murine T-cell co-stimulation research and is offered for research use only.

Other names: CD137, TNFSRF9, ILA

clone: LOB12.3

Specificity: 4-1BB

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: Flow Cytometry, IHC, in vivo costimulation

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.