Anti-Mouse MHC Class I, H2 (M1/42.3.9.8) In Vivo Antibody - Low Endotoxin

Product Code: ICH1279

More Information

Species Reactivity: Mouse

Target: MHC Class I

Isotype: Rat IgG2a Kappa

Host: Rat

product name H2: Anti-Mouse MHC Class I, H2 (M1/42.3.9.8) In Vivo Antibody - Low Endotoxin

Buffer: ICH3002

UniProt: P04439

Shipping Conditions: Blue ice

background: MHC class I (H-2) molecules present intracellular peptides to CD8 T cells and are fundamental to antigen presentation and immune surveillance. Clone M1/42.3.9.8 is a rat IgG2a kappa monoclonal antibody recognizing mouse MHC class I, validated for flow cytometry, immunoprecipitation, blockade of MHC I-dependent interactions, and frozen-section immunohistochemistry. Anti-MHC class I clone M1/42.3.9.8 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. Researchers depend on this clone for consistent antigen-presentation studies, with the reagent provided for research use only.

Other names: H-2 Class I; Mouse MHC Class I; Mouse MHC-I.

clone: M1/42.3.9.8

Specificity: Mouse H-2 Class I

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: 0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.

Purity: >95% by SDS-PAGE under reducing conditions and HPLC.

Endotoxin: 1 EU per 1 mg of the protein 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, Immunoprecipitation, Blockade of MHC I-dependent interactions, Immunohistochemistry Frozen

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