

Anti-Mouse H-2Db (B22/249) In Vivo Antibody - Low Endotoxin

Product Code: ICH1218

More Information

Species Reactivity: Mouse

Target: H-2Db

Concentration: 1.0 - 5.0 mg/ml

Isotype: Mouse IgG2a

Host: Mouse

product name H2: Anti-Mouse H-2Db (B22/249) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Immunogen: Mouse H-2Db

Buffer: ICH3001-100ml ICH3002-100ml ICH3003-100ml

UniProt: P01899

Shipping Conditions: Blue ice

background: H-2Db is a mouse MHC class I molecule that presents intracellular peptides to CD8 T cells and is fundamental to studies of antigen presentation and cellular immunity. Clone B22/249 is a mouse IgG2a monoclonal antibody recognising H-2Db, validated for in vivo applications. Anti-H-2Db B22/249 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. Offered strictly for research use only and as a non-therapeutic reagent, it provides reproducible lot-to-lot results for MHC class I, antigen presentation, and transplantation immunology research.

Other names: H-2D; H2-D; H2-D1



clone: B22/249

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

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

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: In vivo

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