Anti-Mouse DR5 (MD5-1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1236

More Information

Species Reactivity: Mouse

Target: DR5

Concentration: ≤ 2.0 mg/ml

Isotype: Armenian Hamster IgG

Host: Armenian Hamster

product name H2: Anti-Mouse DR5 (MD5-1) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level ≤ 5%

Immunogen: Mouse DR5-Ig fusion protein

Buffer: ICH3002-100ml

UniProt: Q9QZM4

Shipping Conditions: Blue ice

background: DR5 (TRAIL-R2) is a death-domain receptor that triggers apoptosis upon ligation and is widely studied in cancer cell-death pathways. Clone MD5-1 is an Armenian hamster IgG monoclonal antibody against mouse DR5 that acts as an agonist, validated for functional assays, flow cytometry, immunoprecipitation, and Western blotting. Anti-DR5 MD5-1 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. This non-therapeutic reagent, for research use only, gives reproducible, lot-consistent performance for apoptosis, TRAIL-pathway, and tumour cell-death research in mice.

clone: MD5-1

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: Agonist, Functional Assays, Flow Cytometry, Immunoprecipitation, Western Blotting

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