

Anti-Human/Monkey MDR-1 (UIC2) In Vivo Antibody - Low Endotoxin

Product Code: ICH1273

More Information

Species Reactivity: Human, Monkey

Target: MDR-1

Concentration: >1.0 mg/ml

Isotype: Mouse IgG2a

Host: Mouse

product name H2: Anti-Human/Monkey MDR-1 (UIC2) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P08183

Shipping Conditions: Blue ice

background: MDR-1 (P-glycoprotein) is an efflux transporter that pumps diverse compounds out of cells and is a key determinant of multidrug resistance studied in pharmacology and oncology. Clone UIC2 is a mouse IgG2a monoclonal antibody recognizing human and monkey MDR-1, validated for flow cytometry, immunoprecipitation, immunofluorescence, and in vivo applications. Anti-MDR-1 clone UIC2 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 rely on UIC2 for reproducible transporter studies, with this reagent provided for research use only.

Other names: P-gp, ABCB1, CD243, P-glycoprotein

clone: UIC2

Specificity: MDR-1

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, Immunoprecipitation, Immunofluorescence, in vivo

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.