

Mouse IgG2a Isotype Control - Extremely Low Endotoxin

Product Code: ICH2259

More Information

Concentration: 1.0 - 5.0 mg/ml

Host: CHO

product name H2: Mouse IgG2a Isotype Control - Extremely Low Endotoxin

Buffer: ICH3002

background: This mouse IgG2a isotype control is provided at extremely low endotoxin levels, delivering a subclass-matched negative reference for demanding in vivo and functional immunology work. With no relevant target, it defines the background signal and gating thresholds that distinguish genuine antigen engagement from scaffold-driven signal in flow cytometry and functional assays. The reagent reproduces the Fc behaviour of mouse IgG2a test antibodies, isolating non-specific effects. It is validated for in vivo administration and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. This is a research-use-only, non-therapeutic product.

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: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: >95% by SDS-PAGE

Endotoxin: 0.05 EU/mg as determined by the LAL method

Storage: This antibody is 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 -80°C. Avoid Repeated Freeze Thaw Cycles.



Applications: Flow Cytometry, Functional Assays

Application Notes: Each investigator should determine their own optimal working dilution for specific applications.

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

Delivery Time: 4 weeks