

Mouse IgG1 Isotype Control

Product Code: ICH2258

More Information

Endotoxin: Extremely Low Endotoxin

Concentration: 1.0 - 5.0 mg/ml

Host: CHO

product name H2: Mouse IgG1 Isotype Control

Buffer: ICH3002

background: This mouse IgG1 isotype control is supplied at extremely low endotoxin levels, providing a subclass-matched negative reference well suited to sensitive in vivo and functional immunology studies. Because it carries no relevant target, it defines the background signal and gating thresholds needed to attribute measured effects to genuine antigen binding rather than the mouse IgG1 scaffold in flow cytometry and functional assays. The reagent is validated for in vivo use and produced in scalable milligram to gram quantities to support bulk and high-throughput laboratories. It is a non-therapeutic product intended for research use only.

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.