

Human IgG1 Isotype Control FES

Product Code: ICH2254FES

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG1 (K214R/L234F/L235E/P331S)-kappa

Host: CHO Cells

product name H2: Human IgG1 Isotype Control FES

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Designated FES (K214R/L234F/L235E/P331S), this human IgG1-kappa isotype control carries Fc mutations that reduce effector engagement, supplying an effector-attenuated, non-binding reference for human IgG1 experiments. It is used to define background signal, set flow-cytometry gating, and serve as a negative control in functional and in vivo studies. The antibody is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. As a non-therapeutic, research-use-only reagent, it delivers reproducible, lot-consistent control performance across antibody-engineering and immunology workflows.

Specificity: Human IgG1 with a FES mutation

Purification Method: This monoclonal antibody was purified using Protein A

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: This antibody is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

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