

Human IgG4 Isotype Control SPLE/R409K

Product Code: ICH2257SPLERK

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG4 (S228P/L235E/R409K)-kappa

Host: CHO Cells

product name H2: Human IgG4 Isotype Control SPLE/R409K

Buffer: ICH3002

Shipping Conditions: Blue ice

background: This human IgG4 isotype control pairs the SPLE mutations (S228P/L235E) with the R409K substitution, providing a hinge-stabilised, effector-reduced negative reference for functional immunology. With no relevant mammalian specificity, the control establishes the background and gating limits that separate genuine target engagement from scaffold effects in flow cytometry and functional assays. It is supplied low in endotoxin and suitable for in vivo use, and manufactured in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. The antibody is non-therapeutic and supplied for research use only.

Specificity: Human IgG4 with a SPLE/R409K 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.

Applications: Functional Assays

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