

Human IgG4 Isotype Control S228P/F234A/L235A (Kappa)

Product Code: ICH2257SPFALA-K

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG4 (S228P/F234A/L235A)-Kappa

Host: CHO Cells

product name H2: Human IgG4 Isotype Control S228P/F234A/L235A (Kappa)

Buffer: ICH3002

Shipping Conditions: Blue ice

background: This human IgG4 control with a kappa light chain carries the S228P hinge mutation alongside the F234A/L235A effector-silencing substitutions, giving an effector-null negative reference for functional immunology. With no relevant target, the control anchors the background and gating measurements that separate true antigen engagement from scaffold or Fc effects in flow cytometry and functional assays. Matching the framework of IgG4-kappa test antibodies, it isolates non-specific signal cleanly. The reagent is low in endotoxin and validated for in vivo use, and it is manufactured in scalable milligram to gram quantities for high-throughput and bulk laboratories. Research use only.

Specificity: Human IgG4 (Kappa) with a S228P/F234A/L235A 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.