

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

Product Code: ICH2257SPFALA-L

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG4 (S228P/F234A/L235A)-Lambda1

Host: CHO Cells

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: This human IgG4 (S228P/F234A/L235A) isotype control with a lambda1 light chain delivers an effector-silenced, subclass-matched negative reference for studies using IgG4-lambda antibodies. The S228P change stabilises the hinge while the FALA substitutions abrogate Fcγ engagement, and the control's absence of specificity lets it define background and gating limits in functional and cytometric assays. Provided low in endotoxin and suitable for in vivo administration, it is produced at scalable milligram to gram quantities to meet the needs of bulk and high-throughput research. The antibody is non-therapeutic and supplied strictly for research use only.

Specificity: Human IgG4 (Lambda) 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.