

Human IgG4 Isotype Control SPLE/D265A/R409K

Product Code: ICH2257SPLEDARL

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG4 (S228P/L235E/D265A/R409K)-kappa

Host: CHO Cells

product name H2: Human IgG4 Isotype Control SPLE/D265A/R409K

Buffer: ICH3002

Shipping Conditions: Blue ice

background: This human IgG4 isotype control carries the SPLE mutations (S228P/L235E) together with D265A and R409K, delivering a multiply engineered, effector-attenuated negative reference. With no relevant specificity, it anchors the background and gating measurements that allow researchers to attribute observed activity to genuine target binding rather than the IgG4 scaffold in functional and cytometric assays. Formulated low in endotoxin and suitable for in vivo administration, the control is manufactured at scalable milligram to gram quantities for high-throughput and bulk laboratories. It is non-therapeutic and intended strictly for research use only.

Specificity: Human IgG4 with a SPLE/D265A/R409K mutation

Purification Method: This monoclonal antibody was purified using Protein A

Fc Modification: S228P, D265A

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.