

# Human IgG4 Isotype Control S228P (Lambda1)

**Product Code:** ICH2257S228P-L

## More Information

**Target:** Hen Egg Lysozyme

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 (S228P)-Lambda1

**Host:** CHO Cells

**product name H2:** Human IgG4 Isotype Control S228P (Lambda1)

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** This human IgG4 (S228P) isotype control with a lambda1 light chain provides a matched negative reference for studies that use IgG4-lambda format antibodies. The S228P hinge stabilisation prevents Fab-arm exchange, while the control's lack of relevant binding lets it set the background and gating thresholds that distinguish specific engagement from scaffold signal in functional and cytometric assays. It is formulated low in endotoxin and validated for in vivo administration, and manufactured at scalable milligram to gram quantities to support high-throughput and bulk laboratories. The antibody is non-therapeutic and intended strictly for research use only.

**Specificity:** Human IgG4 with a S228P (Lambda1) 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:**  $\leq 1.0$  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.