

Human IgG1 Isotype Control

P331S/E430G

Product Code: ICH2254PSEG

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG1 (P331S/E430G)-kappa

Host: CHO Cells

product name H2: Human IgG1 Isotype Control P331S/E430G

Buffer: ICH3002

Shipping Conditions: Blue ice

background: This human IgG1 isotype control carries the P331S substitution alongside the E430G mutation associated with enhanced Fc oligomerisation, and it recognises hen egg lysozyme rather than any mammalian antigen. As a negative control it provides the background and gating reference required to interpret specific antibody activity in flow cytometry, functional assays, and in vivo models. Matching the framework of engineered test antibodies, it isolates scaffold and Fc effects from true target engagement. The reagent is low in endotoxin and suitable 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 IgG1 with a P331S/E430G 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.

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