

Human IgG1 Isotype Control P329G/E356D/M358L

Product Code: ICH2254PGEDML

More Information

Target: Hen Egg Lysozyme

Concentration: 5mg/ml

Isotype: Human IgG1 (P329G/E356D/M358L)-kappa

Host: CHO Cells

product name H2: Human IgG1 Isotype Control P329G/E356D/M358L

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Combining the P329G mutation that disrupts Fcγ receptor contact with the E356D and M358L allotype substitutions, this human IgG1 control is raised against hen egg lysozyme and thus has no mammalian specificity. It serves as a matched negative control for setting background levels and gating in functional and flow cytometry experiments, ensuring observed effects derive from genuine antigen binding rather than the IgG1 scaffold. Supplied in a low-endotoxin format suitable for in vivo use, it is produced in scalable milligram to gram quantities for bulk and high-throughput research. The antibody is non-therapeutic and intended for research use only.

Specificity: Human IgG1 with a P329G/E356D/M358L 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.