

# Human IgG1 Isotype Control LALA/G237A

**Product Code:** ICH2254LALAGA

**More Information**

**Target:** Hen Egg Lysozyme

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (L234A/L235A/G237A)-kappa

**Host:** CHO Cells

**product name H2:** Human IgG1 Isotype Control LALA/G237A

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Carrying the LALA mutations together with G237A for further reduction of Fcγ receptor binding, this human IgG1 control recognises hen egg lysozyme and has no specific target in mammalian systems. It functions as a matched negative control that sets background levels and gating cut-offs, allowing researchers to attribute observed signals to genuine antigen binding rather than the IgG1 backbone or residual effector activity. The reagent suits flow cytometry, functional assays, and controlled in vivo experiments. Formulated with low endotoxin for in vivo use, it is produced in scalable milligram to gram quantities to support bulk and high-throughput research. It is a non-therapeutic, research-use-only product.

**Specificity:** Human IgG1 with a LALA/G237A 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.