

# Human IgG1 Isotype Control LALA/E356D/M358L

**Product Code:** ICH2254LALAEDML

## More Information

**Target:** Hen Egg Lysozyme

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (L234A/L235A/E356D/M358L)-kappa

**Host:** CHO Cells

**product name H2:** Human IgG1 Isotype Control LALA/E356D/M358L

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Combining the LALA effector-silencing mutations with the E356D and M358L allotype substitutions, this human IgG1 targets hen egg lysozyme and thus serves purely as a matched negative control in mammalian research. Researchers use it alongside engineered antibodies to benchmark non-specific signal, calibrate gates, and verify that biological effects arise from genuine target binding rather than the antibody scaffold. It is well suited to flow cytometry, functional assays, and in vivo model controls. The preparation is low in endotoxin and validated for in vivo administration, and it is produced in scalable milligram to gram quantities for heavy-usage laboratories. Strictly for research use only.

**Specificity:** Human IgG1 with a LALA/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:**  $\leq 1.0$  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.

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