

# Human IgG1 Isotype Control

## E356D/M358L/L234A/L235A/F405L

**Product Code:** ICH2254EDMLLALAFL

### More Information

**Target:** Hen Egg Lysozyme

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (E356D/M358L/L234A/L235A/F405L)-kappa

**Host:** CHO Cells

**product name H2:** Human IgG1 Isotype Control E356D/M358L/L234A/L235A/F405L

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Combining allotype and effector-modifying Fc substitutions (E356D/M358L/L234A/L235A/F405L), this human IgG1-kappa isotype control provides a matched, non-binding reference for human IgG1 experiments, including bispecific and Fc-engineering work where the F405L mutation supports controlled Fab-arm exchange. It is used for background, gating, and negative-control purposes in functional and in vivo studies. Supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities, it serves bulk and high-throughput laboratories. The antibody is non-therapeutic and intended strictly for research use only, offering reproducible, lot-consistent control performance.

**Specificity:** Human IgG1 with a E356D/M358L/L234A/L235A/F405L 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.