

# Mouse IgG1 Isotype Control N297A

**Product Code:** ICH2258NA

**More Information**

**Target:** Hen Egg Lysozyme

**Concentration:** 5mg/ml

**Isotype:** Mouse IgG1 (N297A)-kappa

**Host:** CHO Cells

**product name H2:** Mouse IgG1 Isotype Control N297A

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** This mouse IgG1 isotype control bears the aglycosylating N297A mutation, which removes Fc glycan-dependent effector function, and is raised against hen egg lysozyme so it has no mammalian target. It functions as a matched negative control for setting background and gating in flow cytometry and functional assays, ensuring observed activity reflects specific binding rather than the scaffold or its Fc. The control is supplied low in endotoxin and suitable for in vivo use, and produced at scalable milligram to gram quantities to support bulk and high-throughput research. It is a non-therapeutic reagent intended for research use only.

**Specificity:** Mouse IgG1 with a N297A 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.

**Applications:** Functional Assays

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