

# Human IgG1 Kappa Isotype Control LALAPG - VcMMAE DAR4

**Product Code:** ICH2254LALAPG-VM4

## More Information

**Species Reactivity:** Human

**Target:** Hen Egg Lysozyme

**Isotype:** Human IgG1

**product name H2:** Human IgG1 Kappa Isotype Control LALAPG - VcMMAE DAR4

**Buffer:** ICH3001

**Shipping Conditions:** Blue ice

**background:** Pairing Fc silencing with a defined payload, this control supports clean interpretation of effector-null ADC experiments. The LALA-PG-mutated human IgG1 kappa isotype control recognizes hen egg lysozyme, an antigen with no mammalian counterpart, giving no specific binding and serving as a negative control. Conjugated with MMAE through a valine-citrulline linker at a drug-to-antibody ratio of 4 (DAR4), it lets researchers separate payload and Fc-silencing contributions from target engagement when establishing background and gating in functional studies. Offered for research use only in a low-endotoxin format suitable for in vivo use, it is manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories.

**Formulation:** PBS, pH 7.4, Contains no stabilizers or preservatives. 0.2  $\mu$ M filtered

**Purity:** >95% Determined by SDS-PAGE

**Endotoxin:** 1EU/mg Determined by LAL gel clotting assay

**Storage:** The product should be stored in the original stock concentration at 4°C. Avoid freeze / thaw cycles.



**Use:** Research Use Only. Not for Therapeutic or Diagnostic Use