

Human IgG1 Kappa Isotype Control LALAPG - MMAE(PEG8) DAR4

Product Code: ICH2254LALAPG-M4

More Information

Species Reactivity: Human

Target: Hen Egg Lysozyme

Isotype: Human IgG1

product name H2: Human IgG1 Kappa Isotype Control LALAPG - MMAE(PEG8) DAR4

Buffer: ICH3001

Shipping Conditions: Blue ice

background: Effector-silenced ADC formats require non-targeting controls that share the same Fc engineering. Bearing LALA-PG mutations, this human IgG1 kappa isotype control is directed against hen egg lysozyme, a non-mammalian antigen, and therefore provides no specific binding while acting as a matched negative reference. It is conjugated with MMAE via a PEG8 linker at a drug-to-antibody ratio of 4 (DAR4), allowing researchers to benchmark payload and Fc-silenced framework effects independent of antigen binding when setting background and gating. The reagent is research use only, supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram (mg) to gram (g) quantities for bulk research.

Formulation: PBS, pH 7.4, Contains no stabilizers or preservatives. 0.2 μ 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