

Human IgG1 Kappa Isotype Control - VcMMAE DAR4

Product Code: ICH2254-vM4

More Information

Species Reactivity: Human

Target: Hen Egg Lysozyme

Isotype: Human IgG1

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

Buffer: ICH3001

Shipping Conditions: Blue ice

background: Valid antibody-drug-conjugate data hinges on a non-targeting control that replicates the payload and linker of the test molecule. This human IgG1 kappa isotype control recognizes hen egg lysozyme, an antigen absent from mammalian systems, and therefore contributes no specific binding while serving as a clean negative reference. Conjugated with MMAE through a valine-citrulline linker at a drug-to-antibody ratio of 4 (DAR4), it enables researchers to separate target-independent payload effects from antigen engagement when defining background and gating. The reagent is research use only, supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput and bulk ADC 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