

# Berlimatoxumab Biosimilar - Research Grade

**Product Code:** ICH5392

**More Information**

**Species Reactivity:** Human

**Target:** LukGH

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Berlimateoxumab Biosimilar - Research Grade

**Sequence:** <https://www.imgt.org/mAb-DB/>

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** LukGH is a bicomponent leukocidin pore-forming toxin from *Staphylococcus aureus* that contributes to bacterial virulence, a focus of infectious-disease and toxin-neutralization research. This reagent is an unconjugated, non-therapeutic analog of berlimateoxumab, expressed as a human IgG1-kappa recombinant antibody for research use only. It is supplied in a low-endotoxin, in vivo-suitable formulation and produced in scalable milligram-to-gram quantities for bulk and high-throughput microbiology laboratories. It supports functional and neutralization assays, toxin-binding studies, in vitro screening and preclinical models investigating staphylococcal leukocidin activity. Supplied low in endotoxin and built to in vivo standards, it scales from milligram to gram quantities for bulk, reagent-intensive workflows.

**Purification Method:** This monoclonal antibody was purified using Protein A



**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >90% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biosimilar 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

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

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

**Delivery Time:** 3-4 weeks