

# Actoxumab Biosimilar - Research Grade

**Product Code:** ICH5326

**More Information**

**Species Reactivity:** Human

**Target:** toxin A [Clostridioides difficile]

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Clostridioides difficile toxin A is an enterotoxin that damages the intestinal epithelium and is studied in infection biology and toxin-neutralization research. Offered as an unconjugated, non-therapeutic analog of actoxumab, this research-grade anti-toxin A recombinant monoclonal antibody is intended for research use only (RUO). It is manufactured to in vivo standards, formulated for low endotoxin, and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. Applications include toxin-binding and neutralization assays, in vitro functional screening, and in vivo infection models requiring a consistent, reproducible reagent.

**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