

Bezlotoxumab Biosimilar - Research Grade

Product Code: ICH5304

More Information

Species Reactivity: Human

Target: Toxin B

Concentration: 5mg/ml

Isotype: Human IgG1 Kappa

Host: CHO Cells

product name H2: Bezlotoxumab Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Clostridioides difficile toxin B is a glucosylating enterotoxin that disrupts the colonic epithelium and is the focus of infection and anti-toxin research. This anti-toxin B recombinant monoclonal antibody is supplied as an unconjugated, non-therapeutic analog of bezlotoxumab for research use only. Produced to in vivo manufacturing standards with low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput laboratories. The reagent is appropriate for toxin-neutralization assays, in vitro functional screening, and in vivo infection models, delivering dependable, lot-consistent performance.

Other names: formerly CDB 1,CDB-1,MDX-1388,MK-3415A,toxin B

Specificity: Detects human Toxin B

Purification Method: This monoclonal antibody was purified using Protein A



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

Purity: >95% by SDS-PAGE

Endotoxin: ≤ 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.