

Ibentatug Biosimilar - Research Grade

Product Code: ICH5588

More Information

Species Reactivity: Human

Target: CSP1₁₉

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Ibentatug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P53805

Shipping Conditions: Blue ice

background: The circumsporozoite protein (CSP), the dominant surface antigen of Plasmodium sporozoites, is a leading target for malaria vaccine and antibody research. Our research-grade anti-CSP recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of ibentatug, developed strictly for research use only (RUO).

Manufactured to exacting in vivo standards, this ultra-pure, low-endotoxin formulation is supplied in scalable milligram (mg) to gram (g) quantities to serve high-throughput, heavy-usage laboratories. It supports sporozoite-binding and neutralization assays, antigen characterization, in vitro screening, control reagent applications, and in vivo malaria challenge models.

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: ≤ 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