

Tefibazumab Biosimilar - Research Grade

Product Code: ICH5907

More Information

Species Reactivity: Human

Target: fibrin-binding surface epitope clumping factor A

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Tefibazumab Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Clumping factor A is a fibrinogen-binding surface adhesin of *Staphylococcus aureus* and a virulence factor of interest in anti-infective research. The reagent here is a research-grade, unconjugated analog of tefibazumab, a recombinant monoclonal antibody targeting clumping factor A, for research use only. It is manufactured to in vivo standards with low endotoxin and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. Applications include adhesin-blockade functional assays, in vitro fibrinogen-binding screens, and in vivo models of staphylococcal infection. The reagent is intended to deliver consistent, reproducible performance for heavy-usage research 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: ≤ 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