

# Tixagevimab Biosimilar - Research Grade

**Product Code:** ICH5930

**More Information**

**Species Reactivity:** Human

**Target:** Severe acute respiratory syndrome coronavirus 2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** The SARS-CoV-2 spike protein mediates viral entry and is the principal antigen in coronavirus neutralization research. Described here is an unconjugated, non-therapeutic analog of tixagevimab, a recombinant monoclonal antibody recognizing SARS-CoV-2, 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. The antibody serves as a control and active reagent in viral neutralization functional assays, in vitro receptor-binding-domain screens, and in vivo challenge models. Reliable batch-to-batch consistency helps standardize comparisons across in vitro and in vivo experiments.

**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