

# Bentracimab Biosimilar - Research Grade

**Product Code:** ICH5389

**More Information**

**Species Reactivity:** Human

**Target:** ticagrelor

**Concentration:** 5mg/ml

**Isotype:** Fab - G1 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Ticagrelor is a reversible P2Y12 antiplatelet agent, and antibodies that bind it are used as research tools to study drug reversal and platelet-aggregation pathways. This product is an unconjugated, non-therapeutic analog of bentracimab, supplied as a human Fab (G1-lambda) recombinant fragment for research use only. It is formulated with low endotoxin to in vivo-suitable standards and manufactured in scalable milligram-to-gram quantities for high-throughput laboratories. Applications include functional and binding assays, drug-neutralization studies, in vitro characterization and preclinical models investigating ticagrelor sequestration, with reliable lot-to-lot reproducibility.

**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