

# Tamgiblimab Biosimilar - Research Grade

**Product Code:** ICH5279

**More Information**

**Species Reactivity:** Human

**Target:** TIGIT

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2983

**UniProt:** Q495A1

**Shipping Conditions:** Blue ice

**background:** TIGIT is an inhibitory checkpoint receptor on T and NK cells that competes with co-stimulatory pathways and is a prominent target in cancer immunology research. This anti-human TIGIT recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of tamgiblimab, supplied strictly for research use only. Built to demanding in vivo standards and formulated with low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It serves dependably in checkpoint blockade studies, NK- and T-cell functional assays, in vitro screening, and in vivo immuno-oncology disease models.

**Specificity:** Detects human TIGIT

**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:**  $\leq 1.0$  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:** 4 weeks