

# Timigutuzumab Biosimilar - Research Grade

**Product Code:** ICH5925

**More Information**

**Species Reactivity:** Human

**Target:** ERBB2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P04626;P04626;P70424

**Shipping Conditions:** Blue ice

**background:** HER2 (ERBB2) is a receptor tyrosine kinase amplified in breast, gastric, and other cancers and one of the most studied oncogenic targets. This product is a research-grade, unconjugated analog of timigutuzumab, a recombinant anti-HER2 monoclonal antibody for research use only. Manufactured to in vivo standards with low endotoxin, it is available in scalable milligram to gram quantities for bulk and high-throughput laboratories. The antibody suits HER2-binding functional assays, in vitro signaling and ADCC screens, and in vivo tumor models of HER2-driven cancer. Reproducible, high-purity preparation supports reliable results across repeated and large-scale 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