

# Elgemtumab Biosimilar - Research Grade

**Product Code:** ICH5513

**More Information**

**Species Reactivity:** Human

**Target:** ERBB3

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P21860

**Shipping Conditions:** Blue ice

**background:** HER3 (ERBB3) is a kinase-impaired ErbB receptor that potentiates oncogenic signaling through heterodimerization, sustaining its relevance as a target in cancer research. This research-grade anti-human HER3 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of elgemtumab, supplied strictly for research use only (RUO). Manufactured to demanding in vivo standards, the low-endotoxin, highly purified formulation is produced in scalable milligram (mg) to gram (g) quantities for heavy-usage, high-throughput laboratories. It supports receptor-blocking assays, in vitro signaling and proliferation screens, in vivo tumor models, and biologics characterization, acting as a reliable reference reagent across preclinical programs.

**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