

# Dalotuzumab Biosimilar - Research Grade

**Product Code:** ICH5463

**More Information**

**Species Reactivity:** Human

**Target:** IGF1R $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P06213;P08069;P08069

**Shipping Conditions:** Blue ice

**background:** Insulin-like growth factor 1 receptor (IGF1R) drives proliferation and survival signaling and is a recurring target across oncology and growth-biology research. This reagent is an unconjugated, non-therapeutic analog of dalotuzumab, a human IgG1-kappa recombinant antibody supplied for research use only (RUO). It is formulated with low endotoxin to in vivo-grade standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It supports functional and receptor-blockade assays, IGF signaling studies, in vitro screening and preclinical tumor models examining IGF1R activity, with consistent lot-to-lot performance. As a research-use-only reagent, it combines a low-endotoxin in vivo-grade format with scalable milligram-to-gram production for demanding studies.



**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