

# Drozitumab Biosimilar - Research Grade

**Product Code:** ICH5491

**More Information**

**Species Reactivity:** Human

**Target:** TNFRSF10B $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda3

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** O14763

**Shipping Conditions:** Blue ice

**background:** Death receptor 5 (DR5, encoded by TNFRSF10B) is a pro-apoptotic TRAIL receptor whose agonism triggers programmed cell death in tumor cells, a longstanding theme in cancer research. Our research-grade anti-human DR5 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of drozitumab, provided for research use only (RUO). Crafted to stringent in vivo standards, this ultra-pure, low-endotoxin material is supplied in scalable milligram (mg) to gram (g) quantities to support heavy-usage, high-throughput laboratories. Use it as a control and functional reagent for apoptosis assays, in vitro receptor crosslinking screens, and in vivo tumor models.

**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