

# Dusigitumab Biosimilar - Research Grade

**Product Code:** ICH5494

**More Information**

**Species Reactivity:** Human

**Target:** IGF2 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG2 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01344

**Shipping Conditions:** Blue ice

**background:** Insulin-like growth factor 2 (IGF2) is a mitogenic ligand that fuels proliferative and survival signaling in many cancers, supporting its study as a growth-factor target. Our research-grade anti-human IGF2 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of dusigitumab, intended for research use only (RUO). Produced under rigorous in vivo standards, this ultra-pure, low-endotoxin formulation is available in scalable milligram (mg) to gram (g) quantities to meet heavy-usage, high-throughput laboratory demands. It works as a consistent control and neutralizing tool for ligand-blocking assays, in vitro proliferation screening, and in vivo tumor models, alongside biologics characterization.

**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