

# Benufutamab Biosimilar - Research Grade

**Product Code:** ICH5390

**More Information**

**Species Reactivity:** Human

**Target:** TNFRSF10B

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** O14763

**Shipping Conditions:** Blue ice

**background:** TNFRSF10B (DR5/TRAIL-R2) is a death receptor that triggers apoptosis upon ligand engagement and is a long-standing target in cancer cell-death research. Provided as an unconjugated, non-therapeutic analog of benufutamab, this human IgG1-kappa recombinant antibody is intended for research use only (RUO). It is supplied in an ultra-pure, low-endotoxin format built to in vivo standards and produced in scalable milligram-to-gram quantities to support demanding, high-throughput pipelines. The antibody is suited to apoptosis and functional assays, receptor-agonism studies, in vitro screening and preclinical tumor models exploring DR5-mediated cell death.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

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**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