

# Umikibart Biosimilar - Research Grade

**Product Code:** ICH5956

**More Information**

**Species Reactivity:** Human

**Target:** HGF $\alpha$  $\beta$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P14210

**Shipping Conditions:** Blue ice

**background:** Hepatocyte growth factor (HGF) signals through MET to control cell proliferation, motility, and survival, and its pathway is widely studied in cancer and tissue-repair research. This IgG4 recombinant human antibody is an unconjugated, non-therapeutic analog of umikibart that targets HGF, supplied for research use only (RUO). It is produced to in vivo-grade, low-endotoxin standards and offered in scalable milligram-to-gram quantities so that bulk and high-throughput laboratories can run extended studies. Investigators use it for ligand-neutralization assays, in vitro HGF/MET signaling screens, control applications, and preclinical tumor and regeneration 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