

Demupitamab Biosimilar - Research Grade

Product Code: ICH5473

More Information

Species Reactivity: Human

Target: EGFR $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Demupitamab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P00533;P00533;Q01279;Q01279;P00533

Shipping Conditions: Blue ice

background: As a proliferation-driving receptor tyrosine kinase, epidermal growth factor receptor (EGFR) ranks among the most validated oncology targets in research. This product is an unconjugated, non-therapeutic analog of demupitamab, a human IgG1-kappa recombinant antibody for research use only. It is supplied with low endotoxin to in vivo-grade standards and produced in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. Applications include functional and receptor-blockade assays, EGFR-signaling studies, ADCC analysis, ADC development work, in vitro screening and preclinical tumor models examining EGFR biology. Manufactured in scalable milligram-to-gram quantities with low endotoxin, it delivers the lot-to-lot reproducibility that heavy-usage laboratories rely on.



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: ≤ 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