

Modotuximab Biosimilar - Research Grade

Product Code: ICH5691

More Information

Species Reactivity: Human

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

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Modotuximab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P00533;P00533;Q01279;Q01279;P00533

Shipping Conditions: Blue ice

background: The epidermal growth factor receptor (EGFR) is a tyrosine kinase that drives proliferation and survival and remains one of the most intensively studied oncogenic targets. Offered as an unconjugated, non-therapeutic analog of modotuximab, this recombinant human IgG1 kappa antibody binds EGFR and is supplied exclusively for research use only (RUO). Low endotoxin levels make it compatible with in vivo experiments, while production in scalable milligram-to-gram lots equips bulk and high-throughput laboratories for sustained use. It serves as a receptor-blockade control and reagent in in vitro screening, signaling and ADCC assays, preclinical models, and antibody-drug-conjugate development.

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