

Lexatumumab Biosimilar - Research Grade

Product Code: ICH5640

More Information

Species Reactivity: Human

Target: TNFRSF10B

Concentration: 5mg/ml

Isotype: IgG1 - lambda2

Host: CHO Cells

product name H2: Lexatumumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: O14763

Shipping Conditions: Blue ice

background: TNFRSF10B (death receptor 5, DR5) triggers apoptosis when engaged, which has made it a focus of cancer cell-death research. This human IgG1, lambda2 antibody is an unconjugated, non-therapeutic analog of lexatumumab that binds DR5 for functional studies. Manufactured to a low-endotoxin standard compatible with in vivo experiments, it is offered in scalable milligram-to-gram quantities tailored to bulk and high-throughput laboratories. For research use only (RUO), it can serve as an agonist-style probe and control in apoptosis-induction assays, receptor-clustering experiments, in vitro tumor cell screening, and preclinical oncology models exploring the extrinsic cell-death pathway.

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: ≤ 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