

Tigatuzumab Biosimilar - Research Grade

Product Code: ICH5921

More Information

Species Reactivity: Human

Target: TNFRSF10B

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Tigatuzumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: O14763

Shipping Conditions: Blue ice

background: Death receptor 5 (TNFRSF10B, DR5) triggers apoptosis upon ligation and is a long-standing target in cancer cell-death research. This is a non-therapeutic, unconjugated analog of tigatuzumab, a recombinant anti-DR5 monoclonal antibody for research use only. Manufactured to in vivo standards with low endotoxin, it is available in scalable milligram to gram quantities for high-throughput laboratories. The antibody is useful for apoptosis-induction functional assays, in vitro tumor-cell killing screens, and in vivo tumor models exploring death-receptor signaling. Consistent quality across lots makes it a practical choice for laboratories running sustained study programs. Uniform, reproducible material supports robust experimental design at research scale.

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