

Sontuzumab Biosimilar - Research Grade

Product Code: ICH5876

More Information

Species Reactivity: Human

Target: MUC1 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - nd

Host: CHO Cells

product name H2: Sontuzumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P15941

Shipping Conditions: Blue ice

background: Mucin 1 (MUC1) is a heavily glycosylated cell-surface protein overexpressed and aberrantly modified in many carcinomas, making it a long-standing tumor-targeting antigen. This is a research-grade, unconjugated analog of sontuzumab, a recombinant anti-MUC1 monoclonal antibody for research use only. Produced to in vivo standards with low endotoxin, it is available in scalable milligram to gram quantities for bulk and high-throughput laboratories. It is useful for MUC1-binding functional assays, in vitro tumor-cell screening, and in vivo tumor-targeting models in oncology research. Its purity and dependable supply support reproducible work in demanding, high-throughput settings.

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

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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