

Izastobart Biosimilar - Research Grade

Product Code: ICH5613

More Information

Species Reactivity: Human

Target: C5AR1

Concentration: 5mg/ml

Isotype: IgG1 - lambda2

Host: CHO Cells

product name H2: Izastobart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P21730

Shipping Conditions: Blue ice

background: The complement C5a receptor (C5AR1) transmits potent chemotactic and pro-inflammatory signals that shape innate immune responses. This unconjugated, non-therapeutic analog of izastobart is a recombinant human IgG1, lambda monoclonal against the human receptor, made available for research use only (RUO). Held to a low-endotoxin specification for in vivo compatibility, it is produced in scalable milligram to gram batches tailored to high-throughput and bulk laboratories. Typical uses include receptor-antagonism and neutralization assays, chemotaxis studies, in vitro screening, and preclinical inflammation models, where the antibody acts as a stable functional control supporting complement biology and biologics-characterization research.

Other names: C5A, C5AR, C5R1, CD88, complement component 5a receptor 1, C5a receptor, complement C5a receptor 1

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