

Itolizumab Biosimilar - Research Grade

Product Code: ICH5611

More Information

Species Reactivity: Human

Target: CD6 α 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Itolizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P30203

Shipping Conditions: Blue ice

background: Expressed on T lymphocytes, CD6 helps regulate T-cell activation and immune synapse formation, drawing interest in autoimmunity research. Our research-grade reagent is an unconjugated, non-therapeutic analog of itolizumab, a human IgG1, kappa monoclonal directed at the human antigen and supplied for research use only (RUO). It carries low endotoxin to support in vivo experimentation and is produced at milligram-to-gram scale for bulk and high-throughput laboratories. Common applications include receptor-blocking and modulation assays, flow cytometry, in vitro screening, and preclinical models of inflammatory and autoimmune disease, where the antibody functions as a dependable, non-therapeutic comparator in functional and biologics studies.

Other names: CD6, TP120, CD6 molecule

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