

Trosunilimab Biosimilar - Research Grade

Product Code: ICH5945

More Information

Species Reactivity: Human

Target: ITGA4_ITGB7

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Trosunilimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P26010

Shipping Conditions: Blue ice

background: The integrin heterodimer alpha4beta7 (ITGA4/ITGB7) governs lymphocyte homing to gut-associated lymphoid tissue and is a key node in mucosal immunity and inflammatory bowel disease research. This research-grade recombinant human monoclonal antibody is an unconjugated, non-therapeutic analog of trosunilimab raised against the alpha4beta7 integrin. Strictly for research use only (RUO), it is purified to a low-endotoxin standard appropriate for in vivo studies and manufactured in scalable milligram to gram quantities to keep high-throughput and bulk-usage laboratories supplied. Researchers can apply it as a binding control and functional reagent across in vitro adhesion assays, cell-based screening, and preclinical models of leukocyte trafficking.

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