

Ontamalimab Biosimilar - Research Grade

Product Code: ICH5734

More Information

Species Reactivity: Human

Target: MADCAM1

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Ontamalimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q13477

Shipping Conditions: Blue ice

background: MADCAM1 is an endothelial adhesion molecule that directs lymphocyte homing to gut-associated tissues, a key axis in mucosal-immunity research. This human IgG2 kappa antibody is an unconjugated, non-therapeutic analog of ontamalimab, produced in CHO cells against human MADCAM1. For research use only, it is prepared to low endotoxin for in vivo suitability and manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It supports adhesion-blockade assays, lymphocyte-trafficking studies, functional characterization, and preclinical models of inflammatory bowel disease. Its reproducible quality supports demanding workflows that consume reagent at 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