

Vatelizumab Biosimilar - Research Grade

Product Code: ICH5970

More Information

Species Reactivity: Human

Target: ITGA2 α 1/2

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Vatelizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P17301

Shipping Conditions: Blue ice

background: Integrin alpha-2 (ITGA2, CD49b) pairs with beta-1 to mediate collagen adhesion and influences platelet function, T-cell biology, and tissue interactions of interest in immunology research. Offered as an unconjugated, non-therapeutic analog of vatelizumab, this IgG4 recombinant human antibody binds ITGA2 and is supplied for research use only (RUO). It is purified to a low-endotoxin level suitable for in vivo studies and produced in scalable milligram-to-gram quantities for high-throughput and heavy-usage laboratories. The reagent supports adhesion and binding assays, in vitro functional screening, control applications, and preclinical models of integrin-mediated immune regulation.

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