

# Rovelizumab Biosimilar - Research Grade

**Product Code:** ICH5275

**More Information**

**Species Reactivity:** Human

**Target:** ITGAL, ITGB2

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

**product name H2:** Rovelizumab Biosimilar - Research Grade

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

**Buffer:** ICH2992

**UniProt:** P20701;P05107

**Shipping Conditions:** Blue ice

**background:** The integrins ITGAL and ITGB2 together form LFA-1, a leukocyte adhesion molecule essential for immune-cell trafficking and immune-synapse formation. This anti-human ITGAL/ITGB2 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of rovelizumab, intended strictly for research use only. Produced to rigorous in vivo standards with low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities to meet the needs of heavy-usage and high-throughput laboratories. It functions as a consistent control and active reagent in adhesion and migration assays, in vitro functional screening, and in vivo models of inflammation and immune cell trafficking.

**Specificity:** Detects human ITGAL, ITGB2

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.



**Purity:** >95% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  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:** 4 weeks