

# Roledumab Biosimilar - Research Grade

**Product Code:** ICH5830

**More Information**

**Species Reactivity:** Human

**Target:** RHD $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q02161

**Shipping Conditions:** Blue ice

**background:** The Rhesus D (RhD) antigen is a clinically important red-cell surface protein and the principal driver of alloimmunization in hemolytic disease research. Offered here is a non-therapeutic, unconjugated analog of roledumab, an anti-RhD recombinant monoclonal antibody supplied for research use only. The reagent is produced to demanding in vivo standards with low endotoxin and is available in scalable milligram to gram quantities for laboratories running high-throughput or bulk workflows. Typical applications include functional binding assays, erythrocyte-targeting studies, and controlled in vivo models exploring antibody clearance and effector mechanisms. Its scalable supply and batch consistency suit programs that require uniform reagent across many studies.

**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:**  $\leq 1.0$  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:** 3-4 weeks