

# Morolimumab Biosimilar - Research Grade

**Product Code:** ICH5692

**More Information**

**Species Reactivity:** Human

**Target:** RHD $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - nd

**Host:** CHO Cells

**product name H2:** Morolimumab 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 red-cell surface protein of major importance in transfusion medicine and hemolytic disease of the newborn, and it remains a focus of immunohematology research. This unconjugated, non-therapeutic analog of morolimumab is a recombinant human IgG1 antibody directed against the RhD blood group antigen and is intended for research use only (RUO). It is manufactured in scalable milligram (mg) to gram (g) quantities for heavy-usage laboratories and purified to a low-endotoxin standard suitable for in vivo work. Typical uses include red-cell binding and agglutination functional assays, in vitro screening, and preclinical immunology 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