

# Rontalizumab Biosimilar - Research Grade

**Product Code:** ICH5835

**More Information**

**Species Reactivity:** Human

**Target:** IFN $\alpha$ 1 $\beta$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P0DY56

**Shipping Conditions:** Blue ice

**background:** Interferon alpha (IFN- $\alpha$ ) is a type I interferon that orchestrates antiviral defense and shapes innate and adaptive immunity, and its dysregulation features prominently in autoimmune disease research. The reagent described here is a non-therapeutic, unconjugated analog of rontalizumab, an anti-IFN- $\alpha$  recombinant monoclonal antibody for research use only. Produced to in vivo standards with low endotoxin content, it is made in scalable milligram to gram quantities to serve heavy-usage and bulk laboratories. It is suited to cytokine neutralization assays, interferon-signaling studies, and in vivo models of interferon-driven inflammation. The reagent is intended to deliver consistent, reproducible performance for heavy-usage research workflows.

**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