

# Rinucumab Biosimilar - Research Grade

**Product Code:** ICH5825

**More Information**

**Species Reactivity:** Human

**Target:** PDGFRB $\beta$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P09619

**Shipping Conditions:** Blue ice

**background:** PDGFRB is a platelet-derived growth factor receptor that regulates pericyte and mesenchymal signaling in vascular and tumor biology. This human IgG4 kappa antibody is an unconjugated, non-therapeutic analog of rinucumab, generated in CHO cells against human PDGFRB. For research use only, it is formulated to low endotoxin for in vivo compatibility and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It supports receptor-signaling and blockade assays, functional readouts, in vitro screening, and preclinical vascular and tumor-microenvironment models. Its reproducible quality supports demanding workflows that consume reagent at scale.

**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