

# Rademikibart Biosimilar - Research Grade

**Product Code:** ICH5271

**More Information**

**Species Reactivity:** Human

**Target:** IL4R

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2972

**UniProt:** P24394

**Shipping Conditions:** Blue ice

**background:** The interleukin-4 receptor (IL4R) is a shared signalling hub for IL-4 and IL-13 and a pivotal node in type 2 inflammation and allergic disease research. This anti-human IL4R recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of rademikibart, provided strictly for research use only. Produced to stringent in vivo standards with a low-endotoxin formulation, it is supplied in scalable milligram (mg) to gram (g) quantities to support bulk and high-throughput laboratories. Applications include receptor-blocking assays, in vitro functional screening, and in vivo models of allergic and inflammatory disease, where reproducibility matters.

**Specificity:** Detects human IL4R

**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