

# Comekibart Biosimilar - Research Grade

**Product Code:** ICH5444

**More Information**

**Species Reactivity:** Human

**Target:** IL4R $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P24394

**Shipping Conditions:** Blue ice

**background:** The interleukin-4 receptor (IL4R) transduces IL-4 and IL-13 signals to drive type 2 inflammation, a central pathway in allergic and atopic-disease research. This antibody is an unconjugated, non-therapeutic analog of comekibart, a human IgG4-kappa recombinant monoclonal for research use only (RUO). It is delivered as an ultra-pure, low-endotoxin preparation meeting in vivo standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It supports functional and receptor-blockade assays, cytokine-signaling studies, in vitro screening and preclinical type 2 inflammation models examining IL-4 receptor activity. Its low-endotoxin, in vivo-grade formulation and scalable milligram-to-gram supply make it dependable for repeat, high-volume experimentation.

**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