

# Cudarolimab Biosimilar - Research Grade

**Product Code:** ICH5458

**More Information**

**Species Reactivity:** Human

**Target:** TNFRSF4 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P43489

**Shipping Conditions:** Blue ice

**background:** TNFRSF4 (OX40/CD134) is a costimulatory TNF-receptor-family molecule that enhances T-cell activation and survival, a prominent target in immuno-oncology research. As an unconjugated, non-therapeutic analog of cudarolimab, this human IgG1-kappa recombinant antibody is supplied for research use only. It is an ultra-pure, low-endotoxin preparation built to in vivo standards and manufactured in scalable milligram-to-gram quantities for high-throughput laboratories. Researchers apply it to functional and costimulation assays, T-cell activation studies, ADCC analysis, in vitro screening and in vivo tumor-immunology models examining OX40 signaling. The in vivo-suitable, low-endotoxin preparation is produced at milligram-to-gram scale to support sustained, high-throughput research programs.

**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