

# Cabiralizumab Biosimilar - Research Grade

**Product Code:** ICH5419

**More Information**

**Species Reactivity:** Human

**Target:** CSF1R $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P07333

**Shipping Conditions:** Blue ice

**background:** Macrophage differentiation, survival and recruitment are governed by colony-stimulating factor 1 receptor (CSF1R), a focal target in tumor-associated-macrophage and fibrosis research. As an unconjugated, non-therapeutic analog of cabiralizumab, this human IgG4-kappa recombinant antibody is supplied for research use only (RUO). 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 assays, receptor-blockade and myeloid-cell studies, in vitro screening and in vivo tumor-microenvironment models exploring CSF1R signaling. Supplied low in endotoxin and built to in vivo standards, it scales from milligram to gram quantities for bulk, reagent-intensive 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