

# Axatilimab Biosimilar - Research Grade

**Product Code:** ICH5366

**More Information**

**Species Reactivity:** Human

**Target:** CSF1R $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P07333

**Shipping Conditions:** Blue ice

**background:** Colony-stimulating factor 1 receptor (CSF1R) governs the differentiation, survival and recruitment of macrophages and microglia, making it a focal point in tumor-microenvironment and fibrosis research. This research-grade anti-CSF1R recombinant monoclonal is an unconjugated, non-therapeutic analog of axatilimab, expressed in CHO cells as a human IgG4-kappa. Built for rigorous preclinical work, it is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram-to-gram quantities for high-throughput and heavy-usage laboratories. Strictly for research use only (RUO), it supports functional assays, receptor-blockade studies, myeloid-cell profiling and in vivo disease modeling with consistent lot-to-lot performance.

**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