

# Gimsilumab Biosimilar - Research Grade

**Product Code:** ICH5574

**More Information**

**Species Reactivity:** Human

**Target:** CSF2 $\beta$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P04141

**Shipping Conditions:** Blue ice

**background:** GM-CSF, the cytokine encoded by CSF2, drives myeloid cell differentiation and inflammation and is a well-studied node in autoimmune and inflammatory disease research. Built around this target, our research-grade anti-human GM-CSF recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of gimsilumab supplied for research use only (RUO). Manufactured to rigorous in vivo standards, the ultra-pure, low-endotoxin formulation is available in scalable milligram (mg) to gram (g) quantities to support high-throughput, heavy-usage laboratories. Typical applications include cytokine neutralization and blocking assays, in vitro screening, consistent control reagent use, and in vivo inflammation models.

**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