

# Plonmarlimab Biosimilar - Research Grade

**Product Code:** ICH5777

**More Information**

**Species Reactivity:** Human

**Target:** CSF2 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P04141

**Shipping Conditions:** Blue ice

**background:** CSF2 (GM-CSF) is a myeloid-activating cytokine implicated in chronic inflammation and autoimmunity. Modeled on plonmarlimab, this unconjugated, non-therapeutic human IgG1 kappa antibody is expressed in CHO cells against human CSF2. For research use only, it is formulated to low endotoxin for in vivo suitability and supplied in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It is well suited to cytokine-neutralization assays, myeloid-cell functional studies, signaling readouts, and preclinical models of inflammatory disease. Consistent lot-to-lot performance makes it dependable for repeated, large-scale experimentation.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

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**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