

# Lacnotuzumab Biosimilar - Research Grade

**Product Code:** ICH5618

**More Information**

**Species Reactivity:** Human

**Target:** CSF1 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P09603

**Shipping Conditions:** Blue ice

**background:** Colony-stimulating factor 1 (CSF1) governs macrophage differentiation and tissue-resident myeloid biology, making it influential in inflammation and tumor-microenvironment research. Targeting the human cytokine, this unconjugated, non-therapeutic analog of lacnotuzumab is a human IgG1, kappa monoclonal furnished for research use only (RUO). The preparation is low in endotoxin to satisfy in vivo demands and is produced in flexible milligram to gram lots that support bulk and high-throughput laboratories. It is commonly used in cytokine-neutralization and binding assays, in vitro screening, and preclinical inflammation and oncology models, where it provides a steady functional comparator for biologics-characterization studies.

**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