

# Lemalesomab Biosimilar - Research Grade

**Product Code:** ICH5630

**More Information**

**Species Reactivity:** Human

**Target:** NCA-90

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** NCA-90 (CEACAM-related nonspecific cross-reacting antigen) is expressed on granulocytes and has been explored as a marker in inflammation and myeloid imaging research. This human IgG1, kappa antibody is an unconjugated, non-therapeutic analog of lemalesomab that recognizes NCA-90 for functional studies. It is delivered in a low-endotoxin format compatible with in vivo experiments and produced in scalable milligram-to-gram batches built for bulk and high-throughput laboratories. For research use only (RUO), it can act as a binding reference and active reagent in granulocyte-targeting assays, antigen-detection panels, in vitro characterization, and preclinical inflammation or myeloid biology 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