

# Levilimab Biosimilar - Research Grade

**Product Code:** ICH5639

**More Information**

**Species Reactivity:** Human

**Target:** IL6R $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P08887

**Shipping Conditions:** Blue ice

**background:** The interleukin-6 receptor (IL-6R) relays signals from IL-6, a cytokine central to inflammation and the acute-phase response. Formatted as a human IgG1, kappa antibody, this product is an unconjugated, non-therapeutic analog of levilimab that targets IL-6R for functional immunology studies. Its low-endotoxin profile makes it appropriate for in vivo experiments, and it is produced in scalable milligram-to-gram quantities to keep heavy-usage and high-throughput laboratories supplied. Provided for research use only (RUO), it is suited to receptor-blockade assays, IL-6 signaling readouts, in vitro inflammation screening, and preclinical models of autoimmune and inflammatory disease.

**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