

# Pateclizumab Biosimilar - Research Grade

**Product Code:** ICH5757

**More Information**

**Species Reactivity:** Human

**Target:** LTA $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01374

**Shipping Conditions:** Blue ice

**background:** Lymphotoxin alpha (LTA/TNF- $\beta$ ) is a TNF-superfamily cytokine involved in lymphoid organogenesis and inflammation. This human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of pateclizumab, expressed in CHO cells against human LTA. For research use only, it is purified to low endotoxin for in vivo compatibility and manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It serves as a consistent reagent for cytokine-neutralization assays, signaling studies, functional characterization, and preclinical models of autoimmune inflammation. 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.

**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