

# Adakitug Biosimilar - Research Grade

**Product Code:** ICH5327

**More Information**

**Species Reactivity:** Human

**Target:** CXCL8

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P10145

**Shipping Conditions:** Blue ice

**background:** CXCL8 (interleukin-8) is a chemokine that recruits and activates neutrophils and is a central mediator in inflammation and tumour microenvironment research. This anti-human CXCL8 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of adakitug, provided strictly for research use only. Built to rigorous in vivo standards and low in endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It serves as a consistent neutralizing control and active reagent in chemokine assays, neutrophil chemotaxis studies, in vitro functional screening, and in vivo inflammation 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