

# Avizakimab Biosimilar - Research Grade

**Product Code:** ICH5365

**More Information**

**Species Reactivity:** Human

**Target:** IL21 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9HBE4

**Shipping Conditions:** Blue ice

**background:** Interleukin-21 (IL21) is a cytokine that shapes T-cell, B-cell, and NK-cell responses and is studied across autoimmunity and immuno-oncology research. Our research-grade anti-human IL21 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of avizakimab for research use only (RUO). Manufactured to in vivo standards and purified to low endotoxin, it is available in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is suited to cytokine neutralization assays, in vitro functional screening, and in vivo immunology and autoimmune disease models, offering reproducible, lot-consistent performance.

**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