

# Mirikizumab Biosimilar - Research Grade

**Product Code:** ICH5683

**More Information**

**Species Reactivity:** Human

**Target:** IL23A $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9NPF7

**Shipping Conditions:** Blue ice

**background:** Interleukin-23 subunit p19 (IL23A) is a key driver of the IL-23/Th17 axis that fuels chronic inflammatory and autoimmune disease, a heavily studied pathway in immunology. This research-grade anti-human IL23A antibody is an unconjugated, non-therapeutic analog of mirikizumab, built on a recombinant IgG4 kappa framework and provided for research use only (RUO). Because it is purified to low endotoxin levels, it is appropriate for in vivo use, and it is supplied in scalable milligram (mg) to gram (g) amounts to serve bulk and high-throughput workflows. It functions as a cytokine-neutralization control and reagent across in vitro screening and preclinical 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