

Afelimomab Biosimilar - Research Grade

Product Code: ICH5331

More Information

Species Reactivity: Human

Target: TNF α

Concentration: 5mg/ml

Isotype: F(ab')₂ - G3 - kappa

Host: CHO Cells

product name H2: Afelimomab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01375

Shipping Conditions: Blue ice

background: Tumour necrosis factor (TNF) is a pivotal pro-inflammatory cytokine that drives systemic inflammation and is extensively studied in sepsis and autoimmune research. This recombinant anti-human TNF F(ab')₂ fragment is an unconjugated, non-therapeutic analog of afelimomab, 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 dependable neutralizing control and active reagent in cytokine assays, in vitro functional screening, and in vivo inflammatory and sepsis models, with consistent lot-to-lot 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: ≤ 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