

Certolizumab Biosimilar - Research Grade

Product Code: ICH5309

More Information

Species Reactivity: Human

Target: TNFA

Concentration: 5mg/ml

Isotype: Human Fab'-G1-kappa

Host: CHO Cells

product name H2: Certolizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01375

Shipping Conditions: Blue ice

background: Tumour necrosis factor alpha (TNF-alpha) is a key pro-inflammatory cytokine driving chronic inflammation in numerous autoimmune disease models. This recombinant anti-human TNF-alpha Fab' fragment is an unconjugated, non-therapeutic analog of certolizumab, intended strictly for research use only (RUO). Built to demanding in vivo standards and low in endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It serves as a dependable neutralizing control and active reagent in cytokine assays, in vitro functional screening, and in vivo inflammatory disease models, with consistent lot-to-lot performance.

Other names: CDP870,PHA-738144,tumor necrosis factor (TNF) superfamily member 2, TNFSF2, TNF-alpha, TNFA



Specificity: Detects human TNFA

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% 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.