

# Cifurtilimab Biosimilar - Research Grade

**Product Code:** ICH5437

**More Information**

**Species Reactivity:** Human

**Target:** CD40 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P25942

**Shipping Conditions:** Blue ice

**background:** CD40 is a costimulatory TNF-receptor-family molecule on antigen-presenting cells that drives adaptive immune activation, a central pathway in immunology research. This antibody is an unconjugated, non-therapeutic analog of cifurtilimab, a human IgG1-kappa recombinant monoclonal for research use only. It is delivered in a low-endotoxin, in vivo-suitable format and manufactured in scalable milligram-to-gram quantities for heavy-usage, high-throughput laboratories. It supports functional assays, costimulation and dendritic-cell activation studies, ADCC analysis, in vitro screening and preclinical immune-modulation models examining CD40 signaling. The in vivo-suitable, low-endotoxin preparation is produced at milligram-to-gram scale to support sustained, high-throughput research programs.

**Other names:** CD40, Bp50, CDW40, TNFRSF5, p50, CD40 (protein), CD40 molecule

**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