

# Mitazalimab Biosimilar - Research Grade

**Product Code:** ICH5689

**More Information**

**Species Reactivity:** Human

**Target:** CD40

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P25942

**Shipping Conditions:** Blue ice

**background:** As a costimulatory receptor of the TNF superfamily, CD40 orchestrates dendritic-cell activation and adaptive immune responses, making it a prominent agonist target in cancer immunotherapy research. Provided as an unconjugated, non-therapeutic analog of mitazalimab, this recombinant human IgG1 lambda2 antibody recognizes CD40 and is intended for research use only (RUO). It is supplied in a low-endotoxin format suited to in vivo experimentation and produced in scalable milligram-to-gram batches for bulk and heavy-usage laboratories. The reagent supports immune-stimulation functional assays, in vitro screening, preclinical immuno-oncology models, and biologics characterization.

**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