

Frexalimab Biosimilar - Research Grade

Product Code: ICH5556

More Information

Species Reactivity: Human

Target: CD40LG $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Frexalimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P29965

Shipping Conditions: Blue ice

background: CD40 ligand (CD154, encoded by CD40LG) is a costimulatory molecule on activated T cells that drives B-cell and antigen-presenting cell activation, making it a key target in immunology and autoimmunity research. The research-grade anti-CD40 ligand recombinant monoclonal antibody offered here is an unconjugated, non-therapeutic analog of frexalimab, provided strictly for research use only (RUO). Produced to rigorous in vivo standards, the ultra-pure, low-endotoxin material scales from milligram (mg) to gram (g) quantities for high-throughput laboratories. Use it in costimulation-blockade studies, in vitro T-cell assays, in vivo autoimmune models, and biologics characterization.

Other names: CD40LG, CD154, CD40L, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP, gp39, hCD40L, CD40 ligand

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