

# Toralizumab Biosimilar - Research Grade

**Product Code:** ICH5934

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P29965

**Shipping Conditions:** Blue ice

**background:** CD40 ligand (CD40LG, CD154) provides costimulatory signals essential to B-cell help and immune activation, a frequent focus of tolerance and autoimmunity research. The reagent here is a non-therapeutic, unconjugated analog of toralizumab, a recombinant anti-CD40L monoclonal antibody for research use only. It is produced to in vivo standards with low endotoxin and supplied in scalable milligram to gram quantities for bulk and high-throughput laboratories. Applications include costimulation-blockade functional assays, in vitro B-cell activation screens, and in vivo models of immune tolerance. Batch consistency and ready availability make it a steady reagent for high-demand laboratories.

**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:**  $\leq 1.0$  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