

# Cosibelimab Biosimilar - Research Grade

**Product Code:** ICH5451

**More Information**

**Species Reactivity:** Human

**Target:** PD-L1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9NZQ7

**Shipping Conditions:** Blue ice

**background:** A cornerstone checkpoint target in cancer-immunology research, programmed death-ligand 1 (PD-L1) engages PD-1 to suppress T-cell responses. This antibody is an unconjugated, non-therapeutic analog of cosibelimab, a human IgG1-lambda recombinant monoclonal for research use only (RUO). It is delivered as an ultra-pure, low-endotoxin preparation meeting in vivo standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It supports checkpoint functional assays, ligand-blockade and T-cell activation studies, ADCC characterization, in vitro screening and in vivo tumor models examining PD-L1 biology. As a research-use-only reagent, it combines a low-endotoxin in vivo-grade format with scalable milligram-to-gram production for demanding studies.

**Other names:** CD274

**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