

# Manelimab Biosimilar - Research Grade

**Product Code:** ICH5667

**More Information**

**Species Reactivity:** Human

**Target:** PD-L1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9NZQ7

**Shipping Conditions:** Blue ice

**background:** PD-L1 is a pivotal immune checkpoint ligand that dampens T-cell responses and underlies much of contemporary tumor-immunology research. Provided as an unconjugated, non-therapeutic analog of manelimab, this human anti-PD-L1 recombinant monoclonal (IgG1, lambda2) is for research use only (RUO). It is purified to low endotoxin so it can be applied in vivo, and it is generated in scalable milligram through gram batches to satisfy bulk and high-throughput laboratory programs. Investigators may employ it as a benchmark control and functional reagent across checkpoint-blockade assays, in vitro T-cell screening, ADCC evaluation, and preclinical in vivo immuno-oncology models.

**Other names:** CD274 $\alpha$

**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.