

Prolgolimab Biosimilar - Research Grade

Product Code: ICH5791

More Information

Species Reactivity: Human

Target: PDCD1 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - Vlambda-Ckappa

Host: CHO Cells

product name H2: Prolgolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q15116

Shipping Conditions: Blue ice

background: An inhibitory checkpoint receptor that limits T-cell effector function, PDCD1 (PD-1) is a key axis in cancer immunotherapy research. This recombinant antibody is an unconjugated, non-therapeutic analog of prolgolimab, expressed in CHO cells against human PDCD1 on a human IgG1 framework. Released for research use only, it is purified to low endotoxin for in vivo compatibility and offered in scalable milligram (mg) to gram (g) quantities for high-throughput, heavy-usage laboratories. It is a reliable reagent for checkpoint-blockade functional assays, T-cell activation studies, ADCC investigations, and preclinical tumor-immunity models. The format is optimized for reproducible results across high-volume study designs.

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