

Lodapolimab Biosimilar - Research Grade

Product Code: ICH5651

More Information

Species Reactivity: Human

Target: PDCD1

Concentration: 5mg/ml

Isotype: IgG1 - lambda

Host: CHO Cells

product name H2: Lodapolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q15116

Shipping Conditions: Blue ice

background: Programmed cell death protein 1 (PD-1, encoded by PDCD1) is a central inhibitory checkpoint on activated T cells and a cornerstone target of immuno-oncology research. This human IgG1, lambda antibody is an unconjugated, non-therapeutic analog of lodapolimab that binds PD-1 for functional assays. It is purified to a low-endotoxin standard compatible with in vivo experiments and manufactured in scalable milligram-to-gram quantities to serve heavy-usage and high-throughput laboratories. Intended for research use only (RUO), it is suited to checkpoint-blockade studies, T-cell activation and exhaustion readouts, in vitro co-culture screening, and preclinical tumor immunology models, functioning as both control and active reagent.

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