

# Zimberelimab Biosimilar - Research Grade

**Product Code:** ICH5292

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is a key inhibitory checkpoint receptor on T cells and one of the most extensively investigated targets in tumour immunology. This anti-human PD-1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of zimberelimab, provided strictly for research use only (RUO). Built to in vivo manufacturing standards with low endotoxin, it is produced in scalable milligram (mg) to gram (g) quantities suited to bulk and high-throughput laboratories. It supports checkpoint blockade assays, in vitro functional screening, and in vivo immuno-oncology models, acting as a dependable control and active reagent with lot-to-lot consistency.

**Specificity:** Detects human PD-1

**Purification Method:** This monoclonal antibody was purified using Protein A



**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >95% 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:** 4 weeks