

# Pucotenlimab Biosimilar - Research Grade

**Product Code:** ICH5269

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2962

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is a well-characterised inhibitory checkpoint on T cells that limits anti-tumour immunity, making it one of the most actively pursued targets in cancer research. This anti-human PD-1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of pucotenlimab, supplied for research use only. Built to rigorous in vivo standards with a low-endotoxin profile, it is produced in scalable milligram (mg) to gram (g) quantities to meet the throughput of bulk and high-volume laboratories. It is suited to checkpoint blockade studies, in vitro functional screening, and in vivo immuno-oncology models requiring a reproducible reagent.

**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