

# Sugemalimab Biosimilar - Research Grade

**Product Code:** ICH5278

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** 5mg/ml

**Isotype:** IgG4 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is a central inhibitory checkpoint receptor whose blockade has reshaped how researchers approach tumour immunity. Offered as an unconjugated, non-therapeutic analog of sugemalimab, this research-grade anti-human PD-1 recombinant monoclonal antibody is intended for research use only (RUO). It is manufactured to in vivo quality standards, purified to low endotoxin, and produced in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. The reagent supports checkpoint blockade assays, in vitro screening, and in vivo immuno-oncology models, delivering consistent, lot-to-lot reproducibility as both a control and active 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