

# Retifanlimab Biosimilar - Research Grade

**Product Code:** ICH5296

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 (S228P)-kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is a dominant inhibitory checkpoint on activated T cells and a foundational target across immuno-oncology research. This anti-human PD-1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of retifanlimab, supplied strictly for research use only (RUO). Produced to rigorous in vivo standards and purified to low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities suited to heavy-usage and high-throughput laboratories. The reagent supports checkpoint blockade assays, in vitro functional screening, and in vivo immuno-oncology models, delivering consistent, lot-to-lot reproducibility as both a control and an active reagent.

**Other names:** INCMGA-00012, MGA-012, programmed cell death 1, PD1, PD-1, CD279

**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.