

# Dostarlimab Biosimilar - Research Grade

**Product Code:** ICH5311

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** 5mg/ml

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

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is an inhibitory checkpoint receptor that limits T-cell responses and remains a cornerstone target in cancer immunotherapy research. Offered as an unconjugated, non-therapeutic analog of dostarlimab, 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, formulated for low endotoxin, and supplied in scalable milligram (mg) to gram (g) quantities for heavy-usage and high-throughput laboratories. Applications include checkpoint blockade assays, in vitro functional screening, and in vivo immuno-oncology models, where it provides a consistent control and reproducible active reagent.

**Other names:** TSR-042, ANB-011, (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.