

# Anti-Human PD-1 (J110) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1272

**More Information**

**Species Reactivity:** Human

**Target:** PD-1

**Concentration:** >1.0 mg/ml

**Isotype:** Mouse IgG1 kappa

**Host:** Mouse

**product name H2:** Anti-Human PD-1 (J110) In Vivo Antibody - Low Endotoxin

**Aggregation:** Aggregation level  $\leq$  5%

**Buffer:** ICH3002

**UniProt:** Q15116

**Shipping Conditions:** Blue ice

**background:** PD-1 is a central inhibitory checkpoint receptor that limits T-cell activity and underpins much of modern cancer immunotherapy research. Clone J110 is a mouse IgG1 kappa monoclonal antibody recognizing human PD-1, validated for flow cytometry and IHC. Anti-human PD-1 clone J110 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. With consistent lot-to-lot performance, J110 is a reliable reagent for human checkpoint and T-cell biology research and is offered for research use only.

**Other names:** CD279, PDCD-1, PD-1

**clone:** J110

**Specificity:** PD-1

**Purification Method:** This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**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:** Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid Repeated Freeze Thaw Cycles.

**Applications:** Flow Cytometry, IHC

**Application Notes:** This antibody 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.