

Anti-Human PD-1 (IB12) Antibody

Product Code: ICH4029A-0.1mg

More Information

Species Reactivity: Human

Target: PD-1

Concentration: 1.0 - 5.0 mg/ml

Isotype: Human IgG4 kappa

Host: Humanized

Size: 0.1mg

UniProt: Q15116

Shipping Conditions: Blue ice

background: PD-1 is an inhibitory immune checkpoint receptor on activated T cells that, when engaged, restrains anti-tumour immunity, making it a central target in immunology research. Clone IB12 is a human IgG4-kappa monoclonal antibody against human PD-1, suited to checkpoint-blockade and T-cell activation studies. Anti-PD-1 clone IB12 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. With consistent lot-to-lot performance, IB12 is a reliable reagent for tumour immunology and preclinical checkpoint research. It is a non-therapeutic product intended strictly for research use only.

Other names: Programmed cell death protein 1, Pcd1, CD279

clone: IB12

Specificity: Detects human 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: Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 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.

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.