

Anti-Mouse PD-1 (RMP1-30) In Vivo Antibody - Low Endotoxin

Product Code: ICH1246

More Information

Species Reactivity: Mouse

Target: PD-1

Concentration: >5mg/ml

Isotype: Rat IgG2b Kappa

Host: Rat

product name H2: Anti-Mouse PD-1 (RMP1-30) In Vivo Antibody - Low Endotoxin

UniProt: Q15116

Shipping Conditions: Blue ice

background: On activated and exhausted T cells, PD-1 functions as an inhibitory checkpoint that restrains immune responses and remains a foundational target across immuno-oncology research. Clone RMP1-30 is a rat IgG2b kappa monoclonal antibody recognising mouse PD-1, validated for depletion, flow cytometry, and in vivo applications. Anti-PD-1 RMP1-30 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. This non-therapeutic reagent, intended for research use only, delivers reproducible, lot-consistent performance for mouse checkpoint-blockade and T-cell exhaustion studies.

Other names: Programmed Death-1, CD279

clone: RMP1-30

Purification Method: Protein G



Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: $\geq 95\%$ monomer by analytical SEC, $> 95\%$ by SDS Page

Endotoxin: 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: Depletion, FC, in vivo

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.