Murinized Anti-Mouse PD-1 (RMP1-14) Recombinant Antibody D265A

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Product Benefits:

ichorbio has murinized the popular anti-mouse PD-1 antibody RMP1-14 and added a D265A mutation. ichorbio's murinized anti-mouse PD-1 antibody (RMP1-14) D265A is manufactured in a cGMP compliant facility. Click here for ichorbio's RMP1-14 antibodies and here to view ichorbio's complete list of anti-PD-1 antibodies and biosimilars. ichorbio: the best antibodies for *in vivo* research.

Size:

ICH1182D265A murinized anti-mouse RMP1-14 D265A is available in the following sizes: 5mg, 10mg, 20mg and 50mg

Target:

PD-1

Clone:

RMP1-14

Isotype:

Mouse IgG1

Other Names:

Programmed cell death protein 1, Pdcd1, CD279

Uniprot:

Q02242

Host:

CHO

Species Reactivity:

Mouse

Specificity:

Mouse anti-mouse PD-1 antibody (RMP1-14) recognizes an epitope on Mouse PD-1. ICH1182D265A contains a mutation at D265A to reduce its effector function.

Purification Method:

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

Antigen Distribution:

Subset of double negative thymocytes, activated T and B cells

Background:

CD279, also known as programmed death-1 (PD-1) is a 50-55 kD immunoglobulin superfamily member. PD-1 is expressed on a subset of CD4-CD8- thymocytes, and on activated T and B cells. The PD-1 ligands, PD-L1 (also known as B7-H1) and PD-L2 (B7-DC), are members of the B7 immunoglobulin superfamily. This RMP1-14 antibody has been reported to block the binding of PD-1 to its ligands (B7-H1 and B7-DC) and to inhibit T cell proliferation and cytokine production.

Immunogen:

Mouse PD-1 transfected BHK cells

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl 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:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Western Blot, Blocking, Flow Cytometry, Functional Assays

Use:

Products are for research use only.

Isotype Control:

Mouse IgG1 Isotype Control for In Vivo – Low Endotoxin (HKSP84) [ICH2248]

Original Antibody:

Anti-PD-1 In Vivo Antibody - Low Endotoxin [RMP1-14]

Antibodies against the same target:

Anti-PD-1 In Vivo Antibody - Low Endotoxin [29F.1A12] (ICH1091), Anti-PD-1 In Vivo Antibody - Ultra Low Endotoxin [29F.1A12] (ICH1091UL)

Alternative Names:

- CD279 antibody
- CD279 antigen antibody
- mPD 1 antibody
- mPD l antibody
- mPD-1 antibody
- mSLE1 antibody
- PD 1 antibody
- PD-1 antibody
- PD1 antibody
- PDCD 1 antibody
- PDCD1 antibody
- PDCD1_mouse antibody
- Programmed cell death 1 antibody
- Programmed cell death 1 protein antibody
- Programmed cell death protein 1 antibody
- Protein PD 1 antibody
- Protein PD-1 antibody
- SLEB2 antibody
- Systemic lupus erythematosus susceptibility 2 antibody