



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

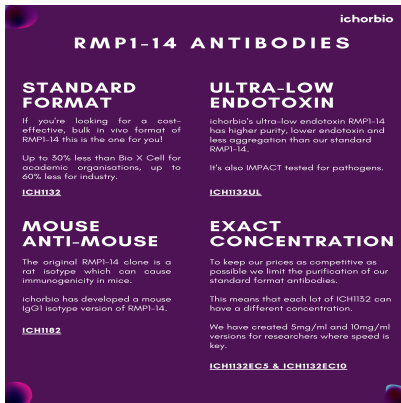
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Anti-PD-1 (RMP1-14)

Description

Anti-PD-1 (RMP1-14)

Bio X Cell:

ichorbio's anti-PD-1 (RMP1-14) antibody is [up to 35% cheaper](#) for academia & non-profits and [up to 58% cheaper](#) for industry than the equivalent low endotoxin version from Bio X Cell (BE0146). ICH1132UL is up to 36% cheaper for academia and up to 59% cheaper for industry compared to Bio X Cell's ultra-low endotoxin version (BP0146).

ichorbio Benefits:

ichorbio's anti-PD-1 In Vivo Antibody – Low Endotoxin (RMP1-14) is manufactured in a cGMP compliant facility. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio supplies a [mouse anti-mouse PD-1 \(RMP1-14\)](#) version this antibody, and a [mouse anti-mouse PD-1 \(RMP1-14\) Fc Silenced version](#). 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:

ichorbio's RMP1-14 *in vivo* antibody is available in the following sizes:

5mg, 25mg, 50mg and 100mg

ichorbio regularly manufactures bulk multi-gram amounts of our anti-PD-1 RMP1-14 clone – please contact us for pricing.

Target:

PD-1

Clone:

RMP1-14

Isotype:

Rat IgG2a

Other Names:

Programmed cell death protein 1, Pdc1, CD279

Uniprot:

[Q02242](#)

Host:

Rat

Species Reactivity:

Mouse, Rat

Specificity:

Anti-PD-1 In Vivo Antibody – Low Endotoxin (RMP1-14) recognizes an epitope on Mouse 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.

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

>98% by SDS-PAGE and HPLC

Endotoxin:

? 1.0 EU/mg as determined by the LAL method

? 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

Aggregation level ? 1%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our rat antibodies are tested for:

Mycoplasma spp

Mycoplasma pulmonis

Pneumonia virus of mice

Kilham's rat virus

Toolan's H1 virus

Rat parvovirus

Lymphocytic choriomeningitis virus

Rat cytomegalovirus

Sendai virus

Rat coronavirus

Sialodacryoadenitis virus

Rat minute virus

Seoul virus

Mouse adenovirus

Reovirus 3

Rat theilovirus

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

How much RMP1-14 to use *in vivo*:

Blocking: We recommend using between 2.50 or 7.50 mg/kg when performing *in vivo* research using ichorbio's PD-1 low endotoxin antibody clone RMP1-14. This range is based off the most recent publication data using the RMP1-14 clone *in vivo*.

Each investigator should determine their own optimal working dilution for specific applications.

Use:

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

Isotype Control:

[Rat IgG2a In Vivo Isotype Control – Low Endotoxin \[1-1\] \(ICH2244\)](#)

Mouse anti-mouse version:

[Mouse Anti-Mouse PD-1 Antibody \(RMP1-14\) \[ICH1182\]](#)

Mouse anti-mouse Fc Silenced version:

[Mouse Anti-Mouse PD-1 Antibody \(RMP1-14\) D265A \[ICH1182D265A\]](#)

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 \[29F.1A12\] \(ICH1091UL\)](#)

Citations:

[PD-1 Blockade Restores the Proliferation of Peripheral Blood Lymphocyte and Inhibits Lymphocyte Apoptosis in a BALB/c Mouse Model of CP BVDV Acute Infection](#)