



SZABO SCANDIC

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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

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

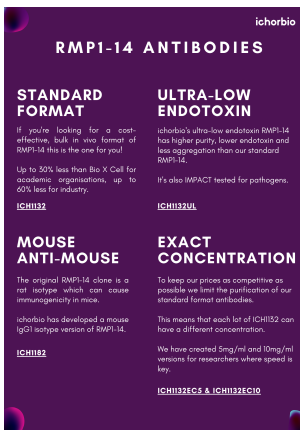
www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Name: [Anti-PD-1 \(RMP1-14\) 5mg/ml \[ICH1132EC5\]](#)

Sku: [ICH1132EC5](#)

Catagories: [anti-mouse](#), [anti-rat](#), [Blocking](#), [Flow Cytometry](#), [Functional Assays](#), [Low Endotoxin](#), [Ultra Low Endotoxin](#), [Western Blot](#)



Product price: ~~\$410.00 — \$3,245.00~~
~~\$348.50 — \$2,758.25~~

Product Details

Anti-PD-1 (RMP1-14) 5mg/ml

Product Information

Size:

ichorbio's anti-PD-1 (RMP1-14) 5mg/ml is sold at an exact concentration of 5mg/ml. This 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.

Isotype Control:

[Rat IgG2a In Vivo Isotype Control - 5mg/ml \(ICH2244EC5\)](#)

Target:

PD-1

Clone:

RMP1-14

Isotype:

Rat IgG2a

Other Names:

Programmed cell death protein 1, Pcd1, 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.

Additional information:

Size: [1mg](#), [5mg](#), [25mg](#), [125mg](#), [50mg](#), [100mg](#), [300mg](#)

Endotoxin Level: Low, Ultra Low