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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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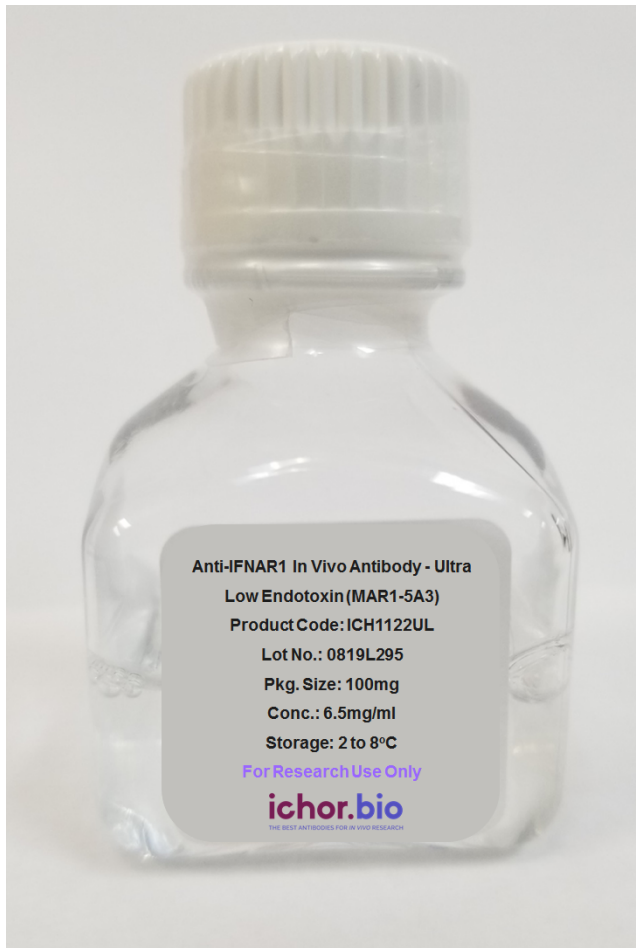
www.szabo-scandic.com

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Anti-Mouse CD90 In Vivo Antibody - Low Endotoxin (T24/31) [ICH1064]

SKU: ICH1064

Link: <https://www.ichor.bio/product/anti-cd90-in-vivo-antibody-low-endotoxin-t24-31-ich1064/>



Product Information

Category: anti-mouse, Low Endotoxin, Ultra Low Endotoxin

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD90 In Vivo Antibody - Low Endotoxin (T24/31) is manufactured in a cGMP compliant facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from our competitors (<http://www.ichor.bio/comparing-ichorbio-to-bio-x-cell-biolegend/>), at less than 1.0 EU/mg. 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 offers Amazon vouchers or donations to the NC3Rs for reviews of this product: click here (<http://www.ichor.bio/amazon-vouchers/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

CD90

Clone:

T24/31

Isotype:

Rat IgG2b

Other Names:

Thy-1, Thy1

Uniprot:[P01831 \(https://www.uniprot.org/uniprot/P01831\)](https://www.uniprot.org/uniprot/P01831)**Host:**

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD90 In Vivo Antibody - Low Endotoxin (T24/31) recognizes a non-polymorphic (Mr 25-30 kD) determinant on the Thy1.1 and Thy1.2 alloantigens.

Antigen Distribution:

The CD90 Thy-1 antigen is present on thymocytes, peripheral T-cells and some intraepithelial T-lymphocytes of all mouse strains tested.

Background:

TCD90 or Thy1 is a 25-35 kDa GPI-anchored protein belonging to the Ig superfamily that is expressed by thymocytes, peripheral T cells, myoblasts, epidermal cells, and keratinocytes. The function of Thy1 is thought to play roles in regulation of cell adhesion, apoptosis, metastasis, inflammation, and fibrosis. Clone T24/31 antibody is useful for depletion of T lymphocytes.

Immunogen:

Mouse Thy-1 protein

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:

anti-CD90 In Vivo Antibody - Low Endotoxin (T24/31) is 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 -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Western Blot, Functional Assays

Application Notes:

Functional Assay: Anti Thy-1 is mitogenic for resting T-cells and induces IL-2 secretion from normal T-cells and T-cell hybridomas. 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 IgG2b In Vivo Isotype Control - Low Endotoxin \[1-2\] \(ICH2243\)](#)

<http://www.ichor.bio/product/Rat-IgG2b-In-Vivo-Isotype-Control-Low-Endotoxin-1-2-ICH2243>

Related Antibody:

[Anti-CD90 In Vivo Antibody - Ultra Low Endotoxin \[T24/31\]_\(ICH1064UL\)](http://www.ichor.bio/product/Anti-CD90-In-Vivo-Antibody-Low-Endotoxin-T24/31-ICH1064)
(<http://www.ichor.bio/product/Anti-CD90-In-Vivo-Antibody-Low-Endotoxin-T24/31-ICH1064>).

Antibodies against the same target:

[Anti-CD90 In Vivo Antibody - Low Endotoxin \[HK2.1\]_\(ICH1065\)](http://www.ichor.bio/product/Anti-CD90-In-Vivo-Antibody-Low-Endotoxin-HK2.1-ICH1065)
(<http://www.ichor.bio/product/Anti-CD90-In-Vivo-Antibody-Low-Endotoxin-HK2.1-ICH1065>), [Anti-CD90.2 In Vivo Antibody - Low Endotoxin \[30-H12\]_\(ICH1066\)](http://www.ichor.bio/product/Anti-CD90.2-In-Vivo-Antibody-Low-Endotoxin-30-H12-ICH1066)
(<http://www.ichor.bio/product/Anti-CD90.2-In-Vivo-Antibody-Low-Endotoxin-30-H12-ICH1066>), [Anti-CD90.2 In Vivo Antibody - Ultra Low Endotoxin \[30-H12\]_\(ICH1066UL\)](http://www.ichor.bio/product/Anti-CD90.2-In-Vivo-Antibody-Low-Endotoxin-30-H12-ICH1066UL)
(<http://www.ichor.bio/product/Anti-CD90.2-In-Vivo-Antibody-Low-Endotoxin-30-H12-ICH1066>).