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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Mouse CD8 beta In Vivo Antibody - Low Endotoxin (53-5.8) [ICH1046]

SKU: ICH1046

Link: <https://www.ichor.bio/product/anti-cd8-beta-in-vivo-antibody-low-endotoxin-53-5-8-ich1046/>



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-CD8 beta In Vivo Antibody - Low Endotoxin (53-5.8) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 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:

CD8 beta

Clone:

53-5.8

Isotype:

Rat IgG1

Other Names:

Cd8b, Lymphocyte antigen 3, T-cell membrane glycoprotein Ly-3, T-cell surface glycoprotein Lyt-3, Cd8b1, Ly-3, Lyt-3, Lyt3

Uniprot:

P10300 (<https://www.uniprot.org/uniprot/P10300>)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD8 beta In Vivo Antibody - Low Endotoxin (53-5.8) recognizes an epitope on mouse CD8b.2 and antibody clone 53-5.8 is specific for Ly-3.2 and has low reactivity with Ly-3.1

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:

Majority of thymocytes, cytotoxic T cell subsets

Background:

CD8b is also known as Lyt-3.2 or Ly-3.2. It is a member of the Ig superfamily expressed as a heterodimer with the CD8A chain on a subset of MHC class I-restricted T cells and most thymocytes.

Immunogen:

Mouse thymus or spleen

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-CD8 beta In Vivo Antibody - Low Endotoxin (53-5.8) is stable for at least one month 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:

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 IgG1 Isotype Control for In Vivo - Low Endotoxin [GL113] (ICH2246)
(<http://www.ichor.bio/product/Rat-IgG1-Isotype-Control-for-In-Vivo-Low-Endotoxin-GL113-ICH2246>).

Related Antibody:

Anti-CD8 beta In Vivo Antibody - Ultra Low Endotoxin [53-5.8] (ICH1046UL)
(<http://www.ichor.bio/product/Anti-CD8-beta-In-Vivo-Antibody-Low-Endotoxin-53-5.8-ICH1046>).