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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Mouse TCR V gamma 2 In Vivo Antibody - Low Endotoxin (UC3-10A6) [ICH1140]

SKU: ICH1140

Link: <https://www.ichor.bio/product/anti-tcr-v-gamma-2-in-vivo-antibody-low-endotoxin-uc3-10a6-ich1140/>



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-TCR V gamma 2 In Vivo Antibody - Low Endotoxin (UC3-10A6) 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/) (<http://www.ichor.bio/amazon-vouchers/>), for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

TCR V gamma 2

Clone:

UC3-10A6

Isotype:

Armenian Hamster IgG

Other Names:

V gamma 2

Host:

Armenian Hamster

Species Reactivity:

Mouse

Antigen Distribution:

V gamma 2 T-Cell Receptor (TCR)-bearing T lymphocytes make up a significant proportion of gamma delta TCR-bearing cells in the late fetal and adult thymus and adult peripheral lymphoid tissues and lung.

Background:

The T cell receptor or TCR is a molecule found on the surface of T lymphocytes that is responsible for recognizing antigens bound to major histocompatibility complex (MHC) molecules. It is a heterodimer consisting of an alpha and beta chain in 95% of T cells, while 5% of T cells have TCRs consisting of gamma and delta chains. Engagement of the TCR with antigen and MHC results in activation of its T lymphocyte through a series of biochemical events mediated by associated enzymes, co-receptors and specialized accessory molecules.

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 hamster antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Hamster parvovirus Lymphocytic choriomeningitis Minute virus of mice Theiler's murine encephalomyelitis virus Sendai virus Reovirus 3 Hantaan virus

Storage:

anti-TCR V gamma 2 In Vivo Antibody - Low Endotoxin (UC3-10A6) 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 -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

Flow Cytometry, Immunoprecipitation, In vivo Depletion

Application Notes:

Flow Cytometry: It is recommended to use the indirect method for signal enhancement when enumerating cells expressing TCR. A suggested method would be to stain cells expressing TCR with Anti-Mouse TCR at ≤1.0 µg per 1.0 X 10⁶ cells in a 100 µl total staining volume, followed by Goat Anti-Armenian Hamster IgG (H&L)-R-phycoerythrin 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:

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\]_\(ICH2251\)](http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251)
(<http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251>)

Related Antibody:

Anti-TCR V gamma 2 In Vivo Antibody - Ultra Low Endotoxin [UC3-10A6] (ICH1140UL) (<http://www.ichor.bio/product/Anti-TCR-V-gamma-2-In-Vivo-Antibody-Low-Endotoxin-UC3-10A6-ICH1140>)