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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Human MHC Class I In Vivo Antibody - Low Endotoxin (W6/32) [ICH1023]

SKU: ICH1023

Link: <https://www.ichor.bio/product/anti-mhc-class-i-in-vivo-antibody-low-endotoxin-w6-32-ich1023/>



Product Information

Category: anti-human, Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-MHC Class I In Vivo Antibody - Low Endotoxin (W6/32) 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:

MHC Class I

Clone:

W6/32

Isotype:

Mouse IgG2a

Other Names:

Major Histocompatibility Class I, MHC class I

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-MHC Class I In Vivo Antibody - Low Endotoxin (W6/32) recognizes/reacts with major histocompatibility complex (MHC) class I, HLA-A, B, and C

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:

This HLA-A, B, C antigen is present on most nucleated cells of humans and old world monkeys.

Background:

MHC class I antigens associated with β 2-microglobulin are expressed by all human nucleated cells. MHC class I molecules are involved in the presentation of antigens to CD8⁺ T cells and plays a central role in cell-mediated immune responses and tumor surveillance.

Immunogen:

Human tonsil cell membrane

Concentration:

1.0 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%

Storage:

anti-MHC Class I In Vivo Antibody - Low Endotoxin (W6/32) is stable for at least six (6) weeks 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

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:

[Mouse IgG2a In Vivo Isotype Control - Low Endotoxin \[C1.18.4\] \(ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)
(<http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245>)

Antibodies against the same target:

[Anti-MHC Class I In Vivo Antibody - Low Endotoxin \[A4C8.1-Do9\] \(ICH1097\)](http://www.ichor.bio/product/Anti-MHC-Class-I-In-Vivo-Antibody-Low-Endotoxin-A4C8.1-Do9-ICH1097)
(<http://www.ichor.bio/product/Anti-MHC-Class-I-In-Vivo-Antibody-Low-Endotoxin-A4C8.1-Do9-ICH1097>), [Anti-MHC Class I In Vivo Antibody - Low Endotoxin \[AF6-88.5\] \(ICH1098\)](http://www.ichor.bio/product/Anti-MHC-Class-I-In-Vivo-Antibody-Low-Endotoxin-AF6-88.5-ICH1098)
(<http://www.ichor.bio/product/Anti-MHC-Class-I-In-Vivo-Antibody-Low-Endotoxin-AF6-88.5-ICH1098>)