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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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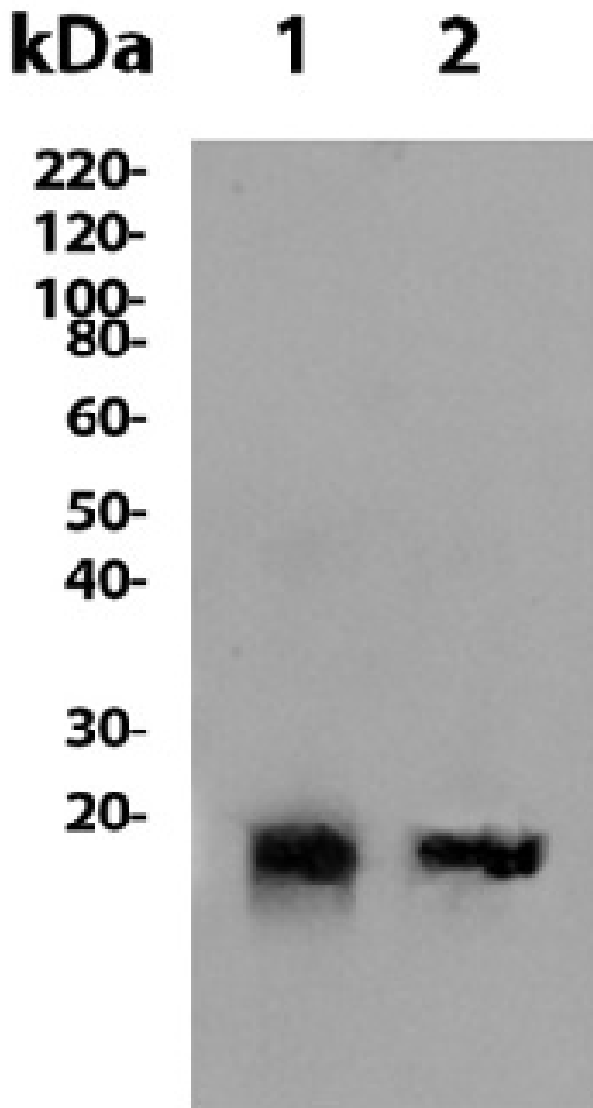
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Anti-Mouse IFN beta In Vivo Antibody - Low Endotoxin (MIB-5E9.1) [ICH1124]

SKU: ICH1124

Link: <https://www.ichor.bio/product/anti-ifn-beta-in-vivo-antibody-low-endotoxin-mib-5e9-1-ich1124/>



Product Information

Category: anti-mouse, Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-IFN beta In Vivo Antibody - Low Endotoxin (MIB-5E9.1) 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:

IFN beta

Clone:

MIB-5E9.1

Isotype:

Armenian Hamster IgG

Other Names:

IFN-b, IFN-beta, Type-1 interferon, Interferon beta

Host:

Armenian Hamster

Species Reactivity:

Mouse

Specificity:

Anti-IFN beta In Vivo Antibody - Low Endotoxin (MIB-5E9.1) recognizes Mouse IFN beta

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:

Fibroblasts & epithelial cells

Background:

Interferons (IFN) consist of two classes. The type I IFN class consists of 20 highly similar IFN-alpha proteins and a single IFN-beta protein. The second class, type II IFN, consists of a single protein, IFN-gamma. IFN-alpha and IFN-beta signal through the same cell surface receptor IFNAR1 and have a similar range of biological activities including antiviral and antiproliferative activity. The type I IFNs also influence activation, growth and differentiation of T cells, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. IFN-beta has recently proven to be beneficial in patients with multiple sclerosis and could also be a potential therapy for rheumatoid arthritis. It is unclear what cellular mechanisms are involved in IFN-beta's therapeutic effects, but they may be caused by a restoration of balance between pro- and anti-inflammatory cytokines.

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-IFN beta In Vivo Antibody - Low Endotoxin (MIB-5E9.1) 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:

Immunoprecipitation, Western Blot, Neutralisation

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:

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>).

Antibodies against the same target:

Anti-IFN beta In Vivo Antibody - Low Endotoxin [HDB-4A7]_(ICH1110)
(<http://www.ichor.bio/product/Anti-IFN-beta-In-Vivo-Antibody-Low-Endotoxin-HDB-4A7-ICH1110>), Anti-IFN beta In Vivo Antibody - Ultra Low Endotoxin [HDB-4A7]_(ICH1110UL) (<http://www.ichor.bio/product/Anti-IFN-beta-In-Vivo-Antibody-Low-Endotoxin-HDB-4A7-ICH1110>).