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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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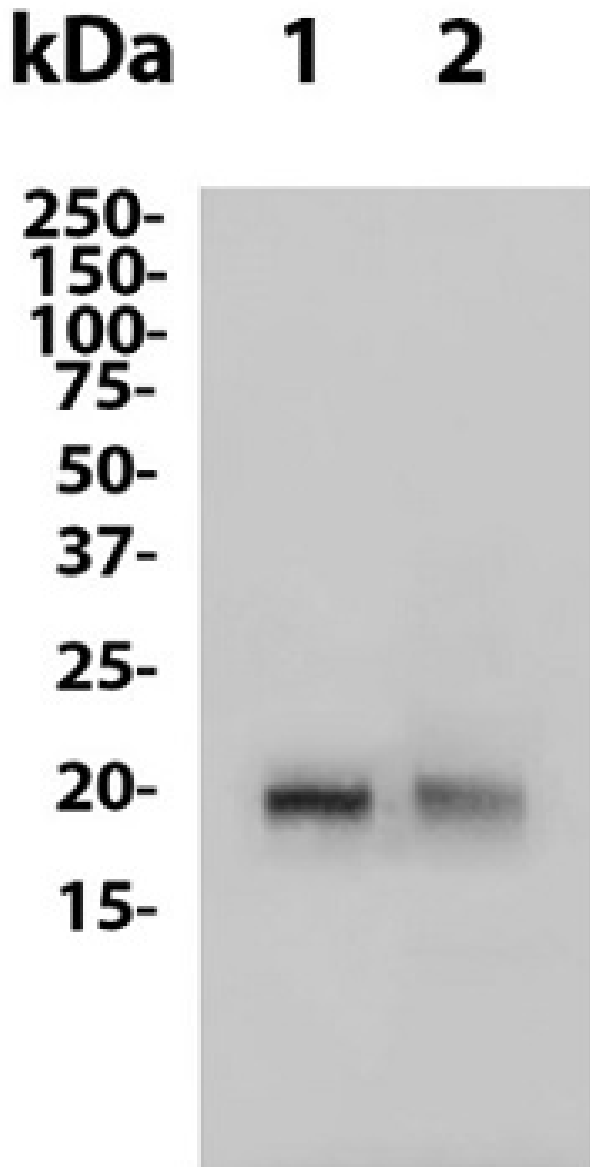
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Anti-IFN beta In Vivo Antibody - Low Endotoxin (HDB-4A7) [ICH1110]

SKU: ICH1110

Link: <https://www.ichor.bio/product/anti-ifn-beta-in-vivo-antibody-low-endotoxin-hdb-4a7-ich1110/>



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-IFN beta In Vivo Antibody - Low Endotoxin (HDB-4A7) is manufactured in a cGMP compliant. 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/) (<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:

HDB-4A7

Isotype:

Mouse IgG2a

Other Names:

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

Host:

Mouse

Species Reactivity:

Mouse

Specificity:

Anti-IFN beta In Vivo Antibody - Low Endotoxin (HDB-4A7) recognizes an epitope on Mouse IFN-beta and binds specifically to murine IFNbeta and does not bind murine IFNg or several different IFNa species (a-1,4,5 or 13); HDb-4A7 binds both recombinant and natural forms

Purification Method:

This antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Immunogen:

Plasmid DNA encoding murine IFNb

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 mouse antibodies are tested for: Mycoplasma spp. Mycoplasma pulmonis Sendai virus Mouse hepatitis virus Pneumonia virus of mice Minute virus of mice Mouse parvovirus (MPV1-5) Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus Lymphocytic choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus Mouse adenovirus (MAD1, MAD2) Mouse cytomegalovirus K virus Mouse thymic virus Hantaan virus Corynebacterium bovis Corynebacterium spp. (HAC2)

Storage:

anti-IFN beta In Vivo Antibody - Low Endotoxin (HDB-4A7) is stable when stored at 2-8°C. Do not freeze. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Western Blot, Blocking, Functional Assays

Application Notes:

Blocking: Blocks in vivo IFN β leading to increased the lethality of mice infected with West Nile Virus (WNV), similar to the susceptibility of IFN β -/- mice. Clone HDB-4A7 circulates with a half-life of ~ 14 days. 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>).

Related Antibody:

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>).

Antibodies against the same target:

Anti-IFN beta In Vivo Antibody - Low Endotoxin [MIB-5E9.1]_(ICH1124)
(<http://www.ichor.bio/product/Anti-IFN-beta-In-Vivo-Antibody-Low-Endotoxin-MIB-5E9.1-ICH1124>).