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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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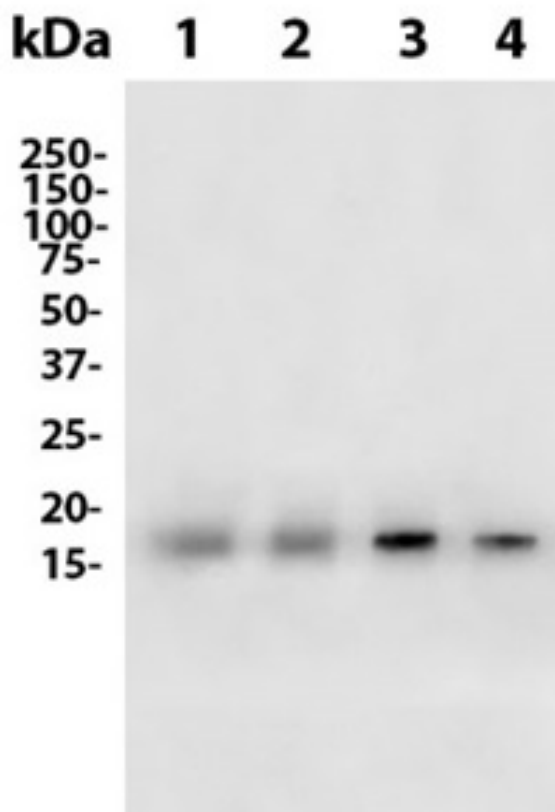
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Anti-Mouse IFN gamma In Vivo Antibody - Low Endotoxin (H22) [ICH1109]

SKU: ICH1109

Link: <https://www.ichor.bio/product/anti-ifn-gamma-in-vivo-antibody-low-endotoxin-h22-ich1109/>



Product Information

Category: anti-mouse, anti-rat, Low Endotoxin, Ultra Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-IFN gamma In Vivo Antibody - Low Endotoxin (H22) is manufactured in a cGMP compliant 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:

IFN gamma

Clone:

H22

Isotype:

Armenian Hamster IgG

Other Names:

Interferon gamma, Ifng

Uniprot:[P01580 \(https://www.uniprot.org/uniprot/P01580\)](https://www.uniprot.org/uniprot/P01580)**Host:**

Armenian Hamster

Species Reactivity:

Mouse, Rat

Specificity:

Anti-IFN gamma In Vivo Antibody - Low Endotoxin (H22) recognizes an epitope on Mouse IFN-gamma

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.

Background:

Interferon-gamma (IFN-gamma) or type II interferon is a dimerized soluble cytokine that is the only member of the type II class of interferons.¹ It is a cytokine critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. IFNG is produced predominantly by natural killer (NK) and natural killer T (NKT) cells as part of the innate immune response, and by CD4 and CD8 cytotoxic T lymphocyte (CTL) effector T cells once antigen-specific immunity develops.² IFN-gamma has antiviral, immunoregulatory, and anti-tumour properties

Immunogen:

Purified Recombinant Mouse IFN-gamma (>98%)

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%

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-IFN gamma In Vivo Antibody - Low Endotoxin (H22) 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

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>).

Related Antibody:

Anti-IFN gamma In Vivo Antibody - Ultra Low Endotoxin [H22]_(ICH1109UL)
(<http://www.ichor.bio/product/Anti-IFN-gamma-In-Vivo-Antibody-Low-Endotoxin-H22-ICH1109>).

Antibodies against the same target:

Anti-IFN gamma In Vivo Antibody - Low Endotoxin [XMG1.2]_(ICH1141)
(<http://www.ichor.bio/product/Anti-IFN-gamma-In-Vivo-Antibody-Low-Endotoxin-XMG1.2-ICH1141>), Anti-IFN gamma In Vivo Antibody - Low Endotoxin [R4-6A2]_(ICH1129)
(<http://www.ichor.bio/product/Anti-IFN-gamma-In-Vivo-Antibody-Low-Endotoxin-R4-6A2-ICH1129>).