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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

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Mouse IFN gamma In Vivo Antibody – Low Endotoxin (XMG1.2) [ICH1141]

Description

Bulk anti-IFN gamma In Vivo Antibody – Low Endotoxin (XMG1.2)

Bio X Cell:

ICH1141 is [up to 30% cheaper](#) for academia & non-profits and [up to 55% cheaper](#) for industry than the equivalent low endotoxin product (BE0055) from Bio X Cell. ICH1141UL is up to 31% cheaper for academia and up to 56% cheaper for industry compared to the ultra-low endotoxin version from Bio X Cell (BP0055).

Product Benefits:

ichorbio's anti-IFN gamma In Vivo Antibody – Low Endotoxin (XMG1.2) 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](#) 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: the best antibodies for *in vivo* research.

Target:

IFN gamma

Clone:

XMG1.2

Size:

ichorbio's XMG1.2 *in vivo* antibody is available in the following bulk sizes:

1mg, 5mg, 25mg, 50mg and 100mg

ichorbio regularly manufactures multi-gram amounts of our anti-IFN gamma XMG1.2 clone – please contact us for pricing.

Isotype:

Rat IgG1

Other Names:

Interferon gamma, Ifng

Uniprot:

[P01580](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-IFN gamma In Vivo Antibody – Low Endotoxin (XMG1.2) 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- γ) or type II interferon is a dimerized soluble cytokine that is the only member of the type II class of interferons. 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. IFNG 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 analyzed by silver stain.

>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:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

ELISA Capture, ELISPOT, IHC (Frozen), Neutralization, Western Blot, CyTOF

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:

[Rat IgG1 Isotype Control for In Vivo – Low Endotoxin \[GL113\] \(ICH2246\)](#)

Antibodies against the same target:

[Anti-IFN gamma In Vivo Antibody – Low Endotoxin \[H22\] \(ICH1109\)](#), [Anti-IFN gamma In Vivo Antibody – Ultra Low Endotoxin \[H22\] \(ICH1109UL\)](#)

Immunofluorescence (paraffin embedded sections):

Immunofluorescence analysis of paraffin-embedded breast cancer tissue section labeling IFN-g (1:100)

overnight at 4°C, followed by goat anti-mouse IgG H&L (Alexa Fluor® 647-red) secondary antibody (1:500 dilution).. MDA-MB-231 cells were injected via mouse nipple and grown for 5 weeks. Image was acquired on a Nikon A1R microscope system at 4x magnification (first image) or 60x magnification (second image).