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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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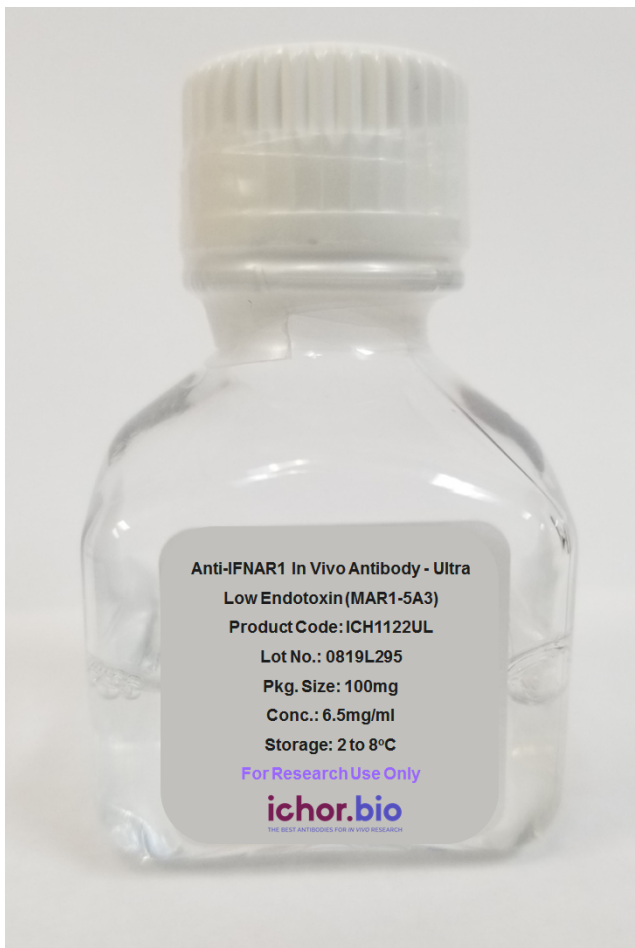
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Anti-Mouse GM-CSF In Vivo Antibody - Low Endotoxin (MP1-22E9) [ICH1125]

SKU: ICH1125

Link: <https://www.ichor.bio/product/anti-gm-csf-in-vivo-antibody-low-endotoxin-mp1-22e9-ich1125/>



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-GM-CSF In Vivo Antibody - Low Endotoxin (MP1-22E9) 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/) (<http://www.ichor.bio/amazon-vouchers/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

GM-CSF

Clone:

MP1-22E9

Isotype:

Rat IgG2a

Other Names:

Csf2, Granulocyte-macrophage colony-stimulating factor, Colony-stimulating factor, CSF, Csfgm

Uniprot:

[P01587 \(https://www.uniprot.org/uniprot/P01587\)](https://www.uniprot.org/uniprot/P01587)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-GM-CSF In Vivo Antibody - Low Endotoxin (MP1-22E9) recognizes an epitope on Mouse GM-CSF

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:

Granulocyte-macrophage colony-stimulating factor, often abbreviated to GM-CSF is a pleiotropic cytokine that controls the production and function of blood cells. GM-CSF stimulates stem cells to produce granulocytes (neutrophils, eosinophils, and basophils) and monocytes. GM-CSF has a critical role in regulation of surfactant homeostasis and alveolar macrophage innate immune functions in the lung.

Immunogen:

Yeast Derived Recombinant Mouse GM-CSF

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.2 µm filtered and lyophilized from modified Dulbecco's phosphate buffered saline (1X PBS) pH 7.2 - 7.3 containing 5.0% w/v trehalose with no calcium, magnesium or preservatives present. 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 rat antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Rat parvovirus Lymphocytic choriomeningitis virus Rat cytomegalovirus Sendai virus Rat coronavirus Sialodacryoadenitis virus Rat minute virus Seoul virus Mouse adenovirus Reovirus 3 Rat theilovirus

Storage:

anti-GM-CSF In Vivo Antibody - Low Endotoxin (MP1-22E9) is lyophilized and can be stored desiccated at -20°C to -70°C for up to twelve months. The reconstituted antibody can be stored for at least four weeks at 2-8°C. For long-term storage of the reconstituted antibody, aseptically aliquot into working volumes and store at -20°C to -70°C in a manual defrost freezer. Avoid repeated freeze thaw cycles. No detectable loss of activity was observed after six months.

Applications:

Western Blot

Application Notes:

Western Blotting: To detect Mouse GM-CSF this monoclonal antibody can be used at a concentration of 1-2 µg/ml. 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 IgG2a In Vivo Isotype Control - Low Endotoxin [1-1]_(ICH2244).

(<http://www.ichor.bio/product/Rat-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-1-1-ICH2244>).

Related Antibody:

Anti-GM-CSF In Vivo Antibody - Ultra Low Endotoxin [MP1-22E9]_(ICH1125UL).

(<http://www.ichor.bio/product/Anti-GM-CSF-In-Vivo-Antibody-Low-Endotoxin-MP1-22E9-ICH1125>).