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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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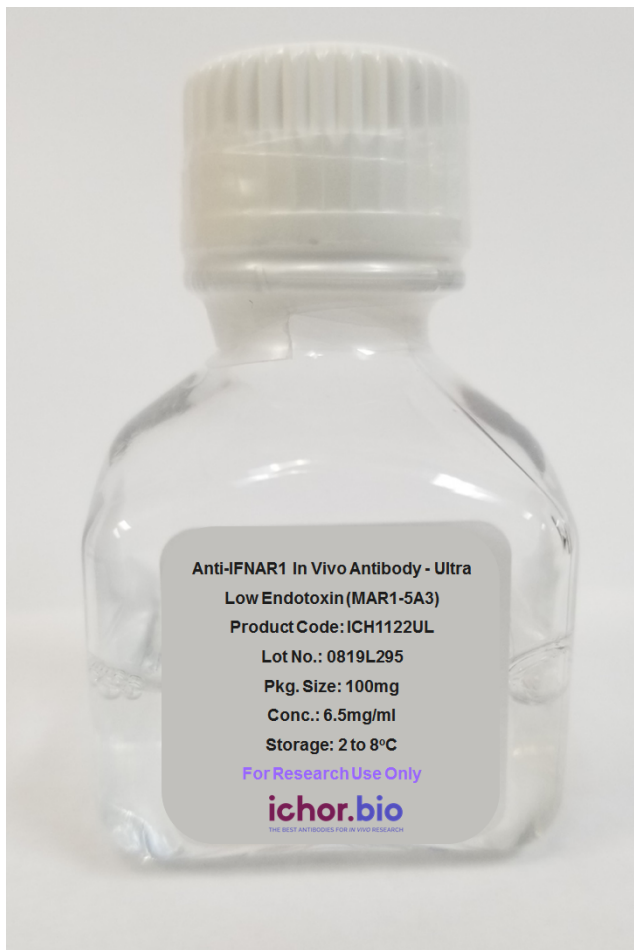
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Anti-CD115 In Vivo Antibody - Low Endotoxin (AFS98) [ICH1068]

SKU: ICH1068

Link: <https://www.ichor.bio/product/anti-cd115-in-vivo-antibody-low-endotoxin-afs98-ich1068/>



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-CD115 In Vivo Antibody - Low Endotoxin (AFS98) 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:

CD115

Clone:

AFS98

Isotype:

Rat IgG2a

Other Names:

Macrophage colony-stimulating factor 1 receptor, CSF-1 receptor (EC:2.7.10.1), CSF-1-R, CSF-1R, M-CSF-R, Proto-oncogene c-Fms, Csf1r, Csfmr, Fms

Uniprot:

[P09581](https://www.uniprot.org/uniprot/P09581) (<https://www.uniprot.org/uniprot/P09581>)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD115 In Vivo Antibody - Low Endotoxin (AFS98) recognizes an epitope on Mouse M-CSFR

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:

Monocytes/macrophages, peritoneal exudate cells, plasmacytoid and conventional dendritic cells, osteoclasts

Background:

Macrophage colony-stimulating factor (M-CSF, also termed CSF-1) receptor is an integral membrane tyrosine kinase, expressed in monocytes (macrophages and their progenitors) and drives growth and development of this blood cell lineage. It also triggers growth and development of mononuclear phagocytes and placental

trophoblasts. M-CSF receptor is present in osteoclasts both at mRNA and protein levels. When M-CSF ligand specifically binds to the M-CSF receptor on osteoclasts, it induces receptor dimerization, activation and autophosphorylation of cytoplasmic tyrosine residues M-CSF and its receptor present as candidate therapeutic targets in states of inflammatory bone erosion.

Immunogen:

Purified Recombinant Mouse M-CSFR

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 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-CD115 In Vivo Antibody - Low Endotoxin (AFS98) is stable when stored at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles. and keep sterile.

Applications:

Western Blot, Blocking, Functional Assays

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 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-CD115 In Vivo Antibody - Ultra Low Endotoxin [AFS98]_(ICH1068UL)

(<http://www.ichor.bio/product/Anti-CD115-In-Vivo-Antibody-Low-Endotoxin-AFS98-ICH1068/>)