

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

Bulk anti-CD115 In Vivo Antibody - Low Endotoxin (AFS98)

Bio X Cell:

ICH1068 is [up to 37% cheaper](#) for industry than the equivalent products BE0213 (low endotoxin) and BP0213 (ultra-low endotoxin) from Bio X Cell. **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 [Bio X Cell](#) 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 (0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CD115

Clone:

AFS98

Size:

ichorbio's AFS98 *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-CD115 AFS98 clone - please contact us for pricing.

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](#)

Host:

Rat

Species Reactivity:

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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:

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:

Western Blot, Blocking, Functional Assays, Flow Cytometry

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Isotype Control:

[Rat IgG2a In Vivo Isotype Control - Low Endotoxin \[1-1\] \(ICH2244\)](#)

Alternative Names:

- C FMS antibody
- CD 115 antibody
- CD115 antibody
- CD115 antigen antibody
- CFMS antibody
- Colony stimulating factor 1 receptor antibody
- Colony stimulating factor I receptor antibody
- CSF 1 R antibody
- CSF 1R antibody
- CSF-1 receptor antibody
- CSF-1-R antibody
- CSF1 R antibody
- CSF1R antibody
- CSFR antibody
- EC 2.7.10.1 antibody

- FIM 2 antibody
- FIM2 antibody
- FMS antibody
- FMS proto oncogene antibody
- FMS protooncogene antibody
- HDLS antibody
- M-CSF Receptor antibody
- M-CSF-R antibody
- Macrophage colony stimulating factor 1 receptor antibody
- Macrophage colony stimulating factor I receptor antibody
- Macrophage colony-stimulating factor 1 receptor antibody
- McDonough feline sarcoma viral (v fms) oncogene homolog antibody
- MCSFR antibody
- Oncogen FMS antibody
- Proto-oncogene c-Fms antibody
- V-FMS McDonough feline sarcoma viral oncogen homolog, formerly antibody