

Anti-Mouse Fas Ligand (MFL3) In Vivo Antibody - Low Endotoxin

Bulk anti-Fas Ligand In Vivo Antibody - Low Endotoxin (MFL3)

Bio X Cell:

ICH1178 is [up to 37% cheaper](#) for industry than the equivalent product BE0319 from Bio X Cell. **Product Benefits:**

ichorbio's anti-Fas Ligand In Vivo Antibody - Low Endotoxin (MFL3) 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:

Fas Ligand

Clone:

MFL2

Size:

ichorbio's MFL3 *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-Fas Ligand MFL3 clone - please contact us for pricing.

Isotype:

Armenian Hamster IgG

Other Names:

FasL, Apo-1 Ligand, CD95 Ligand, TNFSF6, CD178

Host:

Armenian Hamster

Species Reactivity:

Mouse

Antigen Distribution:

FasL is expressed on activated T cells, NK cells, the eye, and testis.

Background:

Anti-Fas Ligand In Vivo Antibody - Low Endotoxin (MFL3), recognizes Fas ligand (FasL), also known as CD178, Apo-1 ligand, and CD95 ligand. FasL is a 40 kDa type II integral membrane protein that belongs to the tumor necrosis factor (TNF) superfamily. FasL is expressed by activated T cells and natural killer (NK cells). Binding of FasL to its receptor Fas (CD95, APO-1) induces apoptotic cell death in Fas-expressing target cells, contributing to anti-viral immunity. FasL also contributes to peripheral tolerance and the downregulation of immune responses through activation-induced autocrine and paracrine T cell death. FasL is also found in the anterior chamber of the eye and on Sertoli cells in the testis, and is implicated in immune-privilege at these sites. FasL also contributes to CD8 proliferation and neutrophil recruitment. Soluble FasL (26 kDa) can be released following cleavage by metalloproteinases and block FasL-mediated signaling. Fas/FasL-signaling is involved in the development of many human diseases, including autoimmunity and cancer. Many human tumors over-express FasL, resulting in tumor infiltrating lymphocyte (TIL) apoptosis and immune evasion, which is associated with poor prognosis.

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 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:

ichor.bio // hello@ichor.bio

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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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:

Flow Cytometry, Blocking, Immunofluorescence

Application Notes:

The suggested concentration for this anti-Fas Ligand In Vivo Antibody - Low Endotoxin (MFL3) for staining cells in flow cytometry is 0.25 µg per 10⁶ cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.

Use:

Products are for research use only.

Isotype Control:

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\] \(ICH2251\)](#)

Alternative Names:

- ALPS1B antibody
- Apoptosis (APO 1) antigen ligand 1 antibody
- Apoptosis antigen ligand 1 antibody
- Apoptosis antigen ligand antibody
- APT1LG1 antibody
- APTL antibody
- CD178 antibody
- CD178 antigen antibody
- CD95 ligand antibody
- CD95-L antibody
- CD95L antibody
- CD95L protein antibody
- Fas antigen ligand antibody
- Fas L antibody
- Fas ligand (TNF superfamily member 6) antibody
- Fas ligand antibody
- FASL antibody
- FasL Fas ligand (TNF superfamily member 6) antibody
- FASLG antibody
- Generalized lymphoproliferative disease antibody
- Gld antibody
- soluble form antibody
- TNFSF6 antibody
- Tumor necrosis factor (ligand) superfamily member 6 antibody
- Tumor necrosis factor ligand superfamily member 6 antibody