

Technical Data Sheet

InVivoMAb anti-mouse FasL (CD178)



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: BE0319
Clone: MFL3
Isotype: Armenian hamster IgG
Recommended Isotype Control(s): InVivoMAb polyclonal Armenian hamster IgG
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: BHK cells expressing B6 mouse FasL
Reported Applications: *in vivo* FasL blockade
in vitro FasL blockade
Functional assay
Immunohistochemistry (paraffin)
Flow Cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/μg)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μm filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein A
RRID: [AB_2819046](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB)
Molecular Weight: 150 kDa

Description

The MFL3 monoclonal antibody reacts with mouse Fas Ligand (FasL) also known as CD178, CD95 Ligand, and TNFSF6. FasL is a 40 kDa type II transmembrane glycoprotein and a member of the TNF superfamily. FasL is expressed on activated T cells and in spleen, testis, and eye. Upon binding to its receptor CD95 (Fas) FasL induces apoptotic cell death to maintain peripheral tolerance. Some tumors over-express FasL and induce the apoptosis of infiltrating lymphocytes, allowing the tumor to escape the effects of an immune response. CD178/CD95 interactions are also thought to play a role in the proliferation of CD8+ cells and neutrophil extravasation, chemotaxis and survival. The MFL3 antibody has been reported to block CD178/CD95 induced apoptosis.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0319?bxcs=9k1b3a#tab_references or scan the QR code below.



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