

InVivoMAb anti-mouse FasL (CD178)

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 <i>in vivo</i> FasL blockade <i>In vitro</i> FasL blockade
Reported Applications:	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 filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein A
RRID:	AB_2819046
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.

Shelf-life and Storage

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

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 bxcell.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://bxcell.com/product/invivomab-anti-mouse-fasl-cd178/#references> or scan the QR code below.

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