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:	≤1EU/mg (≤0.001EU/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
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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