

CD178 (Fas Ligand) Monoclonal Antibody (MFL3), PE, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Armenian hamster / IgG
Recommended Isotype Control	Armenian Hamster IgG Isotype Control (eBio299Arm), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MFL3
Conjugate	PE
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_466039

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1 µg/test	14 Publications

Product Specific Information

Description: The MFL3 monoclonal antibody reacts with mouse Fas (CD95) Ligand, a 40 kDa type II transmembrane glycoprotein. FasL is a member of the TNF family and is expressed by mouse activated T cells. The interaction of FasL with its receptor CD95 induces Fas-mediated killing. It has been reported that the human FasL antigen is cleaved from the surface by matrix metalloproteinases (MMPs), resulting in a 26 kDa soluble form. The degree of sensitivity for the mouse antigen to MMPs has not been reported.

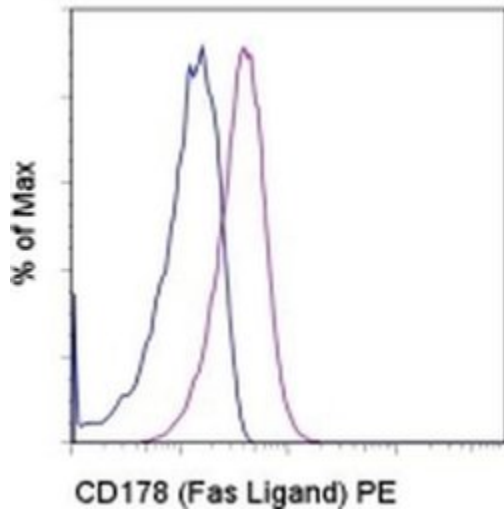
Applications Reported: The MFL3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The MFL3 antibody has been tested by flow cytometric analysis of mouse FasL transfected cells and activated T cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells /test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD178 (Fas Ligand) Monoclonal Antibody (MFL3), PE, eBioscience™



CD178 (Fas Ligand) Antibody (12-5911-82) in Flow

Staining of mouse CD178-transfected cells with 0.5 µg of Armenian Hamster IgG Isotype Control PE (Product # 12-4888-81) (blue histogram) or 0.5 µg of Anti-Mouse CD178 (Fas Ligand) PE (purple histogram). Total viable cells were used for analysis.

[View more figures on thermofisher.com](#)

14 References

Flow Cytometry (14)

Journal of immunology (Baltimore, Md. : 1950)

Increased killing of liver NK cells by Fas/Fas ligand and NKG2D/NKG2D ligand contributes to hepatocyte necrosis in virus-induced liver failure.

"12-5911 was used in Flow cytometry/Cell sorting to reveal a pivotal role for liver natural killer cells in the pathogenesis of virus-induced fulminant hepatic failure and acute-on-chronic liver failure."

Authors: Zou Y, Chen T, Han M, Wang H, Yan W, Song G, Wu Z, Wang X, Zhu C, Luo X, Ning Q

Species
Mouse

Dilution
Not Cited

Year
2010

Frontiers in immunology

CD4⁺ T Cell Fate Decisions Are Stochastic, Precede Cell Division, Depend on G1TR Co-Stimulation, and Are Associated With Uropodium Development.

Authors: Cobbold SP, Adams E, Howie D, Waldmann H

Species
Mouse

Dilution
Not Cited

Year
2019

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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