

CD178 (Fas Ligand) Monoclonal Antibody (MFL3), FITC, 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), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MFL3
Conjugate	FITC
Form	Liquid
Concentration	0.5 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_11150968

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1 µg/test	4 Publications
Western Blot (WB)	-	2 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.

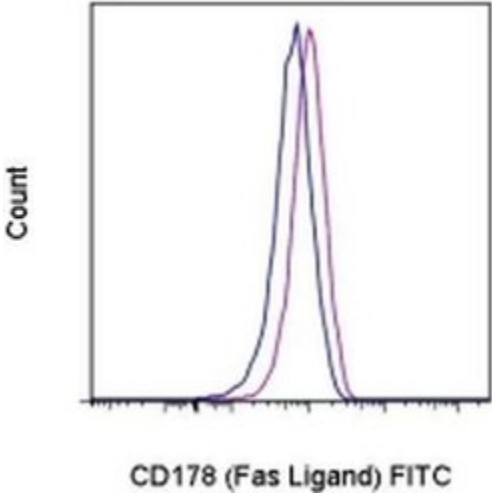
Applications Reported: This MFL3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This MFL3 antibody has been tested by flow cytometric analysis of mouse CD178 transfected cell line. 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 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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



CD178 (Fas Ligand) Antibody (11-5911-82) in Flow
Staining of mouse CD178-transfected cell line with 0.5 µg of Armenian Hamster IgG Isotype Control FITC (Product # 11-4888-81) (blue histogram) or 0.5 µg of Anti-Mouse CD178 (Fas Ligand) FITC (purple histogram). Total viable cells were used for analysis.

[View more figures on thermofisher.com](http://thermofisher.com)

Western Blot (2)

Molecular and cellular biology

Arrested Hematopoiesis and Vascular Relaxation Defects in Mice with a Mutation in Dhfr.

"11-5911 was used in Western Blotting to identify the genes involved in definitive hematopoiesis, and study the consequences of perturbing dihydrofolate reductase (DHFR) in vivo using a novel mouse model."

Authors: Thoms JA, Knezevic K, Liu JJ, Glaros EN, Thai T, Qiao Q, Campbell H, Packham D, Huang Y, Papathanasiou P, Tunningley R, Whittle B, Yeung AW, Chandrakanthan V, Hesson L, Chen V, Wong JW, Purton LE, Ward RL, Thomas SR, Pimanda JE

Species
Mouse

Dilution
Not Cited

Year
2016

Journal of the American Society of Nephrology : JASN

Hypoxia-Inducible Factor-2 Limits Natural Killer T Cell Cytotoxicity in Renal Ischemia/Reperfusion Injury.

"Published figure using CD178 (Fas Ligand) monoclonal antibody (Product # 11-5911-82) in Flow Cytometry"

Authors: Zhang J, Han C, Dai H, Hou J, Dong Y, Cui X, Xu L, Zhang M, Xia Q

Species
Not Applicable

Dilution
Not Cited

Year
2016

Flow Cytometry (4)

Nature communications

Extrafollicular CD4⁺ T-B interactions are sufficient for inducing autoimmune-like chronic graft-versus-host disease.

"Published figure using CD178 (Fas Ligand) monoclonal antibody (Product # 11-5911-82) in Flow Cytometry"

Authors: Deng R, Hurtz C, Song Q, Yue C, Xiao G, Yu H, Wu X, Muschen M, Forman S, Martin PJ, Zeng D

Species
Mouse

Dilution
Not Cited

Year
2017

Arthritis research and therapy

Loss of Gq impairs regulatory B-cell function.

"11-5911 was used in Flow cytometry/Cell sorting to study the role of Gq in the modulation of regulatory B cell function."

Authors: He Y, Yuan X, Li Y, Zhong C, Liu Y, Qian H, Xuan J, Duan L, Shi G

Species
Mouse

Dilution
Not Cited

Year
2018

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

More applications with references on thermofisher.com

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