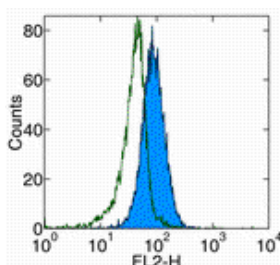


Anti-Mouse CD178 (Fas Ligand) Purified

Catalog Number: 14-5911

Also Known As: FasL, CD95L, CD95 Ligand

RUO: For Research Use Only. Not for use in diagnostic procedures.



Surface staining of mouse Fas Ligand-transfected cells with Anti-Mouse CD178 (Fas Ligand) PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD178 (Fas Ligand) Purified

REF **Catalog Number:** 14-5911

Clone: MFL3

Concentration: 0.5 mg/mL

Host/Isotype: Armenian Hamster IgG

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

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. It has also been reported in blocking of FasL mediated killing in functional assays. (Please use Functional Grade purified MFL3, cat. 16-5911, in functional assays.)

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 0.5 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.

References

Kayagaki, N., N. Yamaguchi, et al. (1997). "Polymorphism of murine Fas ligand that affects the biological activity." *Proc Natl Acad Sci U S A* 94(8): 3914-9.

Nakajima, A., H. Hirai, et al. (2000). "Treatment of lupus in NZB/W F1 mice with monoclonal antibody against fas ligand." *J Autoimmun* 14(2): 151-7.

Kayagaki, N., A. Kawasaki, et al. (1995). "Metalloproteinase-mediated release of human Fas ligand." *J Exp Med* 182(6): 1777-83.

Related Products

11-4111 Anti-Armenian Hamster IgG FITC

14-4888 Armenian Hamster IgG Isotype Control Purified (eBio299Arm)

16-5912 Anti-Mouse/Rat CD178 (Fas Ligand) Functional Grade Purified (MFL4)

