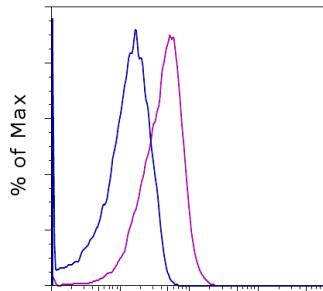


Anti-Mouse CD178 (Fas Ligand) APC

Catalog Number: 17-5911

Also known as: FasL, CD95L, CD95 Ligand

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



CD178 (Fas Ligand) APC

Staining of mouse CD178-transfected cells with 0.125 ug of Armenian Hamster IgG Isotype Control APC (cat. 17-4888) (blue histogram) or 0.125 ug of Anti-Mouse CD178 (Fas Ligand) APC (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD178 (Fas Ligand) APC

REF **Catalog Number:** 17-5911

Clone: MFL3

Concentration: 0.2 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. Do not freeze. Light-sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial



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 Tested

This MFL3 antibody has been tested by flow cytometric analysis of mouse FasL-transfected cells. This can be used at less than or equal to 0.25 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

17-4888 Armenian Hamster IgG Isotype Control APC (eBio299Arm)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com