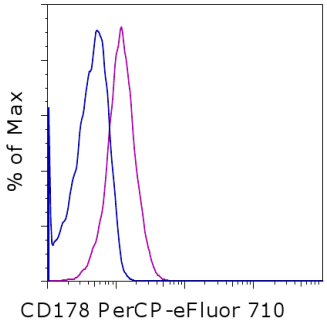
Anti-Mouse CD178 (Fas Ligand) PerCP-eFluor® 710

Catalog Number: 46-5911
Also known as: FasL, CD95L, CD95 Ligand
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of mouse CD178-transfected cells with 0.06 ug of Armenian Hamster IgG Isotype Control PerCP-eFluor® 710 (cat. 46-4888) (blue histogram) or 0.06 ug of Anti-Mouse CD178 (Fas Ligand) PerCP-eFluor® 710 (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD178 (Fas Ligand) PerCP-eFluor® 710
REF **Catalog Number:** 46-5911
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.
LOT **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 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 transfected cells. This can be used at less than or equal to 0.125 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 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click here or contact eBioscience Technical Support for more information on eFluor™ Organic Dyes including PerCP-eFluor® 710.

References

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

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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
46-4888 Armenian Hamster IgG Isotype Control PerCP-eFluor® 710 (eBio299Arm)

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