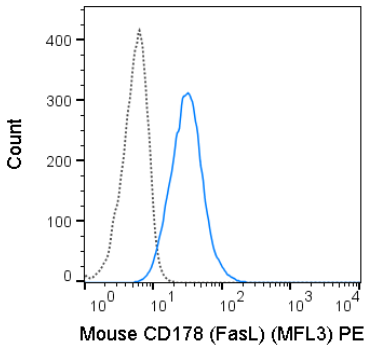
TECHNICAL DATA SHEET

PE Anti-Mouse CD178 (FasL) (MFL3)

Catalog Number: 50-5911

PRODUCT INFORMATION

Contents:	PE Anti-Mouse CD178 (FasL) (MFL3)
Isotype:	Armenian Hamster IgG
Concentration:	0.2 mg/mL
Clone:	MFL3
Reactivity:	Mouse
Use By:	12 months from date of receipt
Storage Conditions:	2-8°C protected from light
Formulation:	10 mM NaH_2PO_4, 150 mM NaCl, 0.09% NaN_3, 0.1% gelatin, pH7.2



Mouse Fas Ligand tranfected cells were stained with 0.25 ug PE Anti-Mouse CD178 (50-5911) (solid line) or 0.25 ug PE Armenian Hamster IgG isotype control (dashed line).

DESCRIPTION

The MFL3 monoclonal antibody reacts with mouse CD178, a 40 kD member type-II transmembrane protein and member of the TNF family of proteins. CD178 is also known as Fas ligand, FasL, Apo-1 ligand, and CD95 ligand. CD178 is expressed on activated T cells and and natural killer (NK) cells and also tissue at immune privileged sites such as the eye and testis. FasL interacts with its receptor CD95 (Fas) to initiate apoptotic cell death and is thought to play a role in T cell development, immune response regulation, and cell-mediated cytotoxic responses. This MFL3 clone has been reported to block CD178/CD96 induced apoptosis.

PREPARATION & STORAGE

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

APPLICATION NOTES

This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

REFERENCES

Takahashi T, Tanaka M, Brannan CI, et al. 1994. Cell. 76(6):969-976. Suda T, Okazaki T, Naito Y, et al. 1995. J Immunol. 154(8):3806-3813. Vignaux F, Vivier E, Malissen B, Depraetere V, Nagata S, Golstein P. 1995. J Exp Med. 181(2):781-786. Griffith TS, Ferguson TA. 1997. Immunol Today. 18(5):240-244.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.