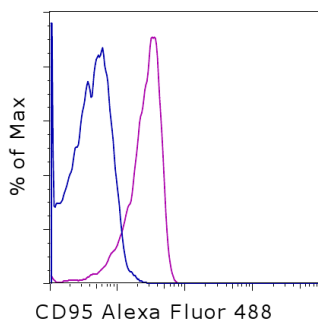


Anti-Mouse CD95 (APO-1/Fas) Alexa Fluor[®] 488

Catalog Number: 53-0951

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



Staining of BALB/c thymocytes with 1 μ g of Mouse IgG1 kappa Isotype Control Alexa Fluor[®] 488 (cat. 53-4714) (blue histogram) or 1 μ g of Anti-Mouse CD95 (APO-1/Fas) Alexa Fluor[®] 488 (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD95 (APO-1/Fas) Alexa Fluor[®] 488

REF **Catalog Number:** 53-0951

Clone: 15A7

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

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



LOT



Description

The 15A7 monoclonal antibody reacts with mouse CD95 (Fas, Apo-1), a 40-50 kDa member of the TNFR superfamily. CD95 is expressed by a broad range of hematopoietic and non-hematopoietic cells including monocytes, neutrophils, activated lymphocytes and fibroblasts. Interaction of CD95 on mature lymphocytes with its ligand (FasL) induces apoptosis and is thought to be important in peripheral tolerance. 15A7 reacts with mouse CD95 in BALB/c strain and a bit more weakly in C57Bl/6 strain. 15A7 does not induce apoptosis of Fas-expressing cells.

Applications Reported

This 15A7 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 15A7 antibody has been tested by flow cytometric analysis of mouse thymocytes. This can be used at less than or equal to 2 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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.

References

Yonehara, S. 1999. Effects of anti-Fas antibodies on lymphocytes and other organs: preparation of original and new monoclonal antibodies and amelioration of systemic autoimmune disease. *Int Rev Immunol* 18(4): 329-45.

Nishimura, Y., A. Ishii, et al. 1995. Expression and function of mouse Fas antigen on immature and mature T cells. *J Immunol* 154(9): 4395-403.

Related Products

53-4714 Mouse IgG1 K Isotype Control Alexa Fluor[®] 488 (P3.6.2.8.1)

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