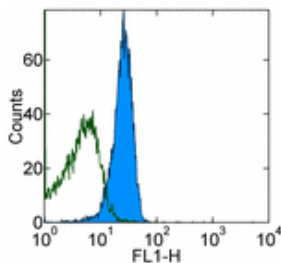


Anti-Mouse CD95 (APO-1/Fas) Purified

Catalog Number: 14-0951
RUO: For Research Use Only



Staining of BALB/c thymocytes with 0.5 µg of Mouse IgG1 κ Isotype Control Purified (cat. 14-4714) (open histogram) or 0.5 µg of Anti-Mouse CD95 (APO-1/Fas) Purified (filled histogram) followed by Anti-Mouse IgG FITC (cat. 11-4011). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD95 (APO-1/Fas) Purified

 Catalog Number: 14-0951

Clone: 15A7

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, κ

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

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

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

Applications Tested

This 15A7 antibody has been tested by flow cytometric analysis of BALB/c splenocytes and thymocytes. This can be used at less than or equal to 1 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

- 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

14-4714 Mouse IgG1 K Isotype Control Purified

Not for further distribution without written consent.

Copyright © 2000-2010 eBioscience, Inc.

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