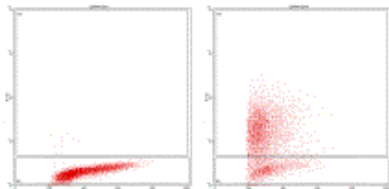


Anti-Human CD95 (APO-1/Fas) Purified

Catalog Number: 14-0958

RUO: For Research Use Only



The Jurkat cell line was treated for 6 hours with medium alone (left) or 0.1 ug/mL of Anti-Human CD95 (APO-1/Fas) Functional Grade Purified (right). Induction of apoptosis in these cells was determined by staining with Propidium Iodide and Anti-BrdU-FITC using the Apo-BrdU Apoptosis Detection Kit (cat. 88-6671).

Product Information

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

REF **Catalog Number:** 14-0958

Clone: EOS9.1

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgM, kappa

HLDA Workshop: N/A

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



Caution, contains Azide

Description

The EOS9.1 monoclonal antibody reacts with human 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. EOS9.1 does not block binding of DX2, another antibody specific for human CD95.

Applications Reported

The EOS9.1 antibody has been reported for use in flow cytometric analysis. EOS9.1 is also effective in inducing apoptosis in *in vitro* functional studies. (Please use Functional Grade purified EOS9.1, cat. 16-0958, in functional assays.)

Applications Tested

The EOS9.1 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes and has also been tested for its ability to induce apoptosis of Jurkat cells. 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

Kishimoto, T., H. Kikutani, et.al., eds. 1998. Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing Inc. London

Related Products

11-5790 Anti-Mouse IgM FITC (II/41)

14-4752 Mouse IgM Isotype Control Purified

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