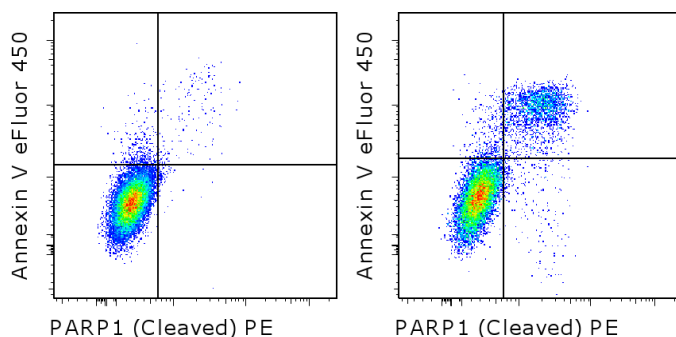


Anti-Human CD95 (APO-1/Fas) Functional Grade Purified

Catalog Number: 16-0958

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



Jurkat cells were left unstimulated (left) or stimulated for 20 hours with Anti-Human CD95 (APO-1/Fas) Functional Grade Purified coated at 5 ug/mL in a 24-well culture plate (right). The stimulated cells were then harvested and stained sequentially with Fixable Viability Dye eFluor® 780 (cat. 65-0865) and the Annexin V Apoptosis Detection Kit eFluor® 450 (cat. 88-8006), then fixed and permeabilized with the Foxp3 Staining Buffer Set (cat. 00-5523) and stained with Anti-Human PARP1 (Cleaved) PE (cat. 12-6668). Total viable cells (Fixable Viability Dye eFluor® 780 negative) were used for analysis.

Product Information



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

Catalog Number: 16-0958

Clone: EOS9.1

Concentration: 1 mg/mL

Host/Isotype: Mouse IgM, kappa

HLDA Workshop: N/A

Handling Conditions: Use in sterile environment.

Endotoxin: Less than 0.001 ng/ug antibody, as determined by the LAL assay.



Formulation: aqueous buffer, no sodium azide

Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

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.

Applications Tested

The EOS9.1 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. 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)

12-6668 Anti-Human PARP1 (Cleaved) PE (HLNC4)

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Catalog Number: 16-0958

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

13-0959 Anti-Human CD95 (APO-1/Fas) Biotin (DX2)

88-8006 Annexin V Apoptosis Detection Kit eFluor® 450

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