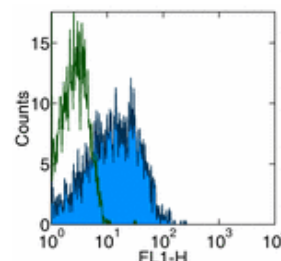


Product Information

Contents: Affinity Purified anti-human CD95 (Fas/APO-1)
Catalog Number: 14-0959
Sizes: 25 ug, 100 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
Clone: DX2
Isotype: Mouse IgG1, κ
HLDA No.: VI C64



Surface staining of normal human peripheral blood cells with anti-human CD95 (DX2) FITC. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0959	FITC anti-human CD95 (Fas/APO-1)	488	518	FC
12-0959	PE anti-human CD95 (Fas/APO-1)	488	575	FC
13-0959	Biotin anti-human CD95 (Fas/APO-1)	N/A	N/A	FC
14-0959	Affinity Purified anti-human CD95 (Fas/APO-1)	N/A	N/A	FA FC IHC
15-0959	PE-Cy5 anti-human CD95 (Fas/APO-1)	488	670	FC

Description

The DX2 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, lymphocytes and fibroblasts. Interaction of CD95 on mature lymphocytes with its ligand (FasL) induces apoptosis and is thought to be important in peripheral tolerance. DX2 does not block binding of EOS9.1, another antibody specific for human CD95.

Usage

For research use only, not for diagnostic or therapeutic use. The DX2 antibody has been reported for use in flow cytometric analysis, and immunohistochemical staining. DX2 has also been reported in *in vitro* studies of Fas-induced apoptosis. EOS9.1 is recommended for induction of apoptosis *in vitro*.

Applications Tested

The DX2 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 100 µl blood (or per 1 million cells in 100 µl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 14-0958	Affinity Purified anti-human CD95 (Fas/APO-1) (clone EOS9.1)
Cat. 16-0958	Functional Grade Purified anti-human CD95 (Fas/APO-1) (clone EOS9.1)
Cat. 11-0959	FITC anti-human CD95 (Fas/APO-1) (clone DX2)
Cat. 12-0959	PE anti-human CD95 (Fas/APO-1) (clone DX2)
Cat. 13-0959	Biotin anti-human CD95 (Fas/APO-1) (clone DX2)
Cat. 15-0959	PE-Cy5 anti-human CD95 (Fas/APO-1) (clone DX2)
Cat. 11-4011	FITC Anti-Mouse IgG
Cat. 13-4013	Biotin Anti-Mouse IgG (clone Polyclonal)
Cat. 11-4317	Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317	Streptavidin-PE (Phycoerythrin)

Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control

References

Schlossman, S., L. Bloumsell, et al. eds. (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Kishimoto, T., A.E.G., von dem Borne, et al. eds. (1998). Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing Inc. London.

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