

Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-human CD95 (Fas/APO-1)

Catalog Number: 11-0959

Sizes: 25 tests, 100 tests

Formulation: Phosphate buffer pH 7.2, 150 mM NaCl, 0.09% NaN₃, 0.2% BSA

Storage Conditions: Store at 4°C.

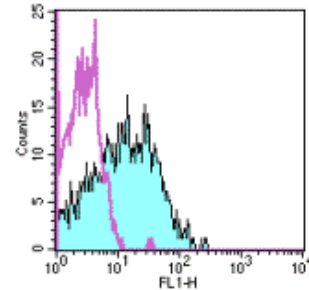
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: DX2

Isotype: Mouse IgG1, κ

HLDA No.: VI C64



Staining of normal human peripheral blood cells with FITC mouse IgG1 isotype control (cat. 11-4719) (open histogram) or FITC DX2 (colored histogram). Cells in the lymphocyte gate 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.

Applications Tested

The DX2 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 20 µl per 100 µl blood (or per 1 million cells in 100 µl total staining volume).

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. 12-0959 PE anti-human CD95 (Fas/APO-1) (clone DX2)
- Cat. 13-0959 Biotin anti-human CD95 (Fas/APO-1) (clone DX2)
- Cat. 14-0959 Affinity Purified anti-human CD95 (Fas/APO-1) (clone DX2)
- Cat. 15-0959 PE-Cy5 anti-human CD95 (Fas/APO-1) (clone DX2)
- Cat. 11-4714 Fluorescein isothiocyanate (FITC) 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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