

Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-human CD94

Catalog Number: 11-0949

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.

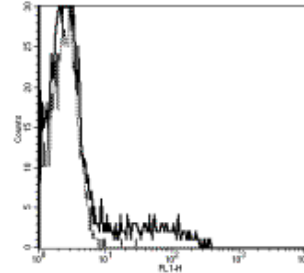
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: DX22

Isotype: Mouse IgG1, κ

HLDA No.: N/A



CD94 expression on human peripheral blood lymphocytes was determined using FITC anti-human CD94 (DX22). The dotted line shows autofluorescence and the bold histogram shows the staining of a subpopulation of lymphocytes with anti-CD94.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0949	FITC anti-human CD94	488	518	FC
12-0949	PE anti-human CD94	488	575	FC
14-0949	Affinity Purified anti-human CD94	N/A	N/A	FC IHC

Description

The DX22 monoclonal antibody reacts with human CD94, a 70 kDa type II transmembrane glycoprotein. CD94 belongs to the C-type lectin superfamily and is present as a heterodimer with NKG2 on the surface. CD94 is expressed by NK cells, a subset of gd T cells, and NKT cells and plays an important role in adhesion and activation of NK cell lineage.

Usage

For research use only, not for diagnostic or therapeutic use. The DX22 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The DX22 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. 12-0949 PE anti-human CD94 (clone DX22)
- Cat. 14-0949 Affinity Purified anti-human CD94 (clone DX22)
- Cat. 11-4714 Fluorescein isothiocyanate (FITC) Mouse IgG1, K Isotype Control

References

- Lazetic, S., C. Chang, et al. (1996). "Human natural killer cell receptors involved in MHC class I recognition are disulfide-linked heterodimers of CD94 and NKG2 subunits." *J Immunol* 157(11): 4741-5.
- Phillips, J. H., C. Chang, et al. (1996). "CD94 and a novel associated protein (94AP) form a NK cell receptor involved in the recognition of HLA-A, HLA-B, and HLA-C allotypes." *Immunity* 5(2): 163-72.
- Chang, C., A. Rodriguez, et al. (1995). "Molecular characterization of human CD94: a type II membrane glycoprotein related to the

C-type lectin superfamily." Eur J Immunol 25(9): 2433-7.

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