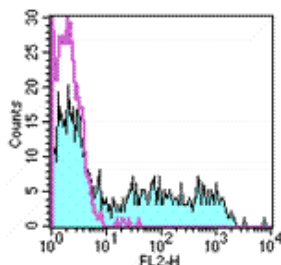


Anti-Human CD94 PE

Catalog Number: 12-0949

Also Known As: KLRD1, KP43

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



Staining of normal human peripheral blood cells with staining buffer (autofluorescence) (open histogram) or Anti-Human CD94 PE (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD94 PE

 **Catalog Number:** 12-0949

Clone: DX22

Concentration: 5 µL (0.125 µg)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: N/A

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

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.

Applications Reported

The DX22 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This DX22 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.125 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.

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.

Related Products

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)