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FITC Anti-Human CD94 Antibody[DX22]

Catalog Number: E-AB-F1384C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. DX22

Isotype Control FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

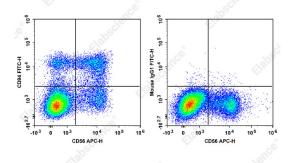
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with APC Anti-Human CD56 Antibody and FITC Anti-Human CD94 Antibody[DX22] (left) or FITC Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8 $^{\circ}\text{C}$ for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

 Uniprot ID
 Q13241

 Gene ID
 3824

For Research Use Only

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Background

CD94 is a 43 kD type II transmembrane glycoprotein also known as KP43. CD94 belongs to the C-type lectin superfamily and is present as a covalently linked heterodimer with NKG2 on the cell surface. CD94 is expressed by NK cells, a subset of $\gamma \delta$ T cells, and NKT cells. The CD94/NKG2A complex serves as an inhibitory receptor specific for HLA-class I molecules.