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Purified Anti-Human CD94 Antibody[DX22]

catalog number: E-AB-F1384A

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

Description

Reactivity Human

Immunogen Recombinant Human CD94 protein

Host Mouse Clone DX22

Purification >98%, Protein A/G purified

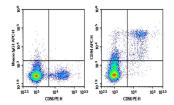
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g Purified Anti-Human CD94 Antibody[DX22] (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD56 PE-conjugated Monoclonal Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

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 $\gamma \bar{\delta}$ T cells, and NKT cells. The CD94/NKG2A complex serves as an inhibitory receptor specific for HLA-class I molecules.