# PE Anti-Human CD94 Antibody[DX22]

**Catalog Number:** E-AB-F1384D

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

## Description

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| **Reactivity** | Human |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Clone No.** | DX22 |
| **Isotype Control** | PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D] |
| **Conjugation** | PE |
| **Conjugation Information** | PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

## Applications — Recommended usage

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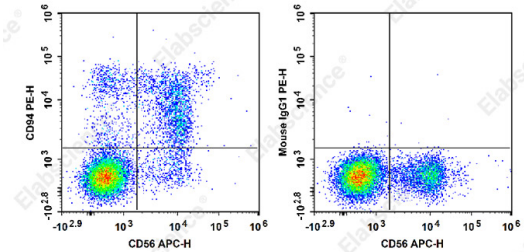
| **FCM** | Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications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

## Data




Staining of normal human peripheral blood cells with APC Anti-Human CD56/NCAM Antibody[5.1H11] and PE Anti-Human CD94 Antibody[DX22] (left) or PE Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

## Preparation & Storage

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| **Storage** | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| **Shipping** | Ice bag |

## Antigen Information

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| **Alternate Names** | KP43 |



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| **Uniprot ID** | Q13241 |
| **Gene ID** | 3824 |
| **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 γδ T cells, and NKT cells. The CD94/NKG2A complex serves as an inhibitory receptor specific for HLA-class I molecules. |


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