

For Research Use Only

FcZero-rAb™ PE Anti-Human CD94 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98172



Basic Information

Catalog Number:

PE-FcA98172

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC028009

GeneID (NCBI):

3824

Full Name:

killer cell lectin-like receptor
subfamily D, member 1

Calculated MW:

179 aa, 20 kDa

Purification Method:

Protein A purification

CloneNo.:

241704E11

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

CD94, also known as the killer cell lectin-like receptor (KLR) family member, is a type II integral membrane protein related to the C-type lectin superfamily. It is specifically expressed on natural killer (NK) cells and a subset of T cells, and plays a crucial role in stimulating NK cell cytotoxicity and the release of tumor necrosis factor. CD94 can form heterodimers with different NKG2 proteins (e.g., NKG2A, NKG2C, NKG2E, or NKG2F) to balance the function of NK cells and CD8⁺ T cells.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

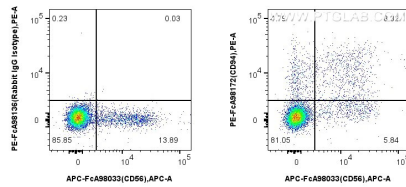
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with FcZero-rAb™ APC Anti-Human NCAM1/CD56, and 5 ul PE Anti-Human CD94 Rabbit RecAb (PE-FcA98172, Clone: 241704E11) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.