

For Research Use Only

FcZero-rAb® PE Anti-Human CD122/IL-2RB Rabbit Recombinant Antibody

Catalog Number: PE-FcA98151



Basic Information

Catalog Number:

PE-FcA98151

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC025691

GeneID (NCBI):

3560

ENSEMBL Gene ID:

ENSG00000100385

UNIPROT ID:

P14784

Full Name:

interleukin 2 receptor, beta

Calculated MW:

551 aa, 61 kDa

Purification Method:

Protein A purification

CloneNo.:

241677H7

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 PBMCs,

Background Information

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to the ability to bind interleukin 2. The low-affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. The beta subunit (IL2RB, also known as CD122 and p75) is involved in receptor-mediated endocytosis and transduces the mitogenic signals of interleukin 2.

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:

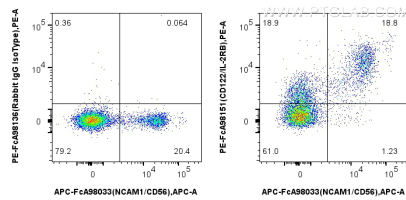
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human NCAM1/CD56, and 5 ul PE Anti-Human CD122/IL-2RB Rabbit RecAb (PE-FcA98151, Clone:241677H7) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.