

For Research Use Only



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

Catalog Number: Biotin-FcA98151

Basic Information

Catalog Number:

Biotin-FcA98151

Size:

100ug , 500 ug/ml

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: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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Applications

Tested Applications:

FC, ELISA

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 (IL-2RB, 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, pH7.3

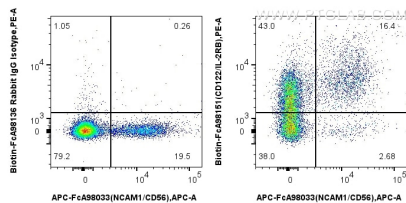
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

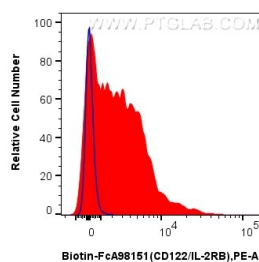
E: proteintech@ptglab.com
W: ptglab.com

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, 0.25 ug Biotin Anti-Human CD122/IL-2RB Rabbit RecAb (Biotin-FcA98151, Clone:241677H7) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD122/IL-2RB Rabbit RecAb (Biotin-FcA98151, Clone: 241677H7) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.