

For Research Use Only

# FcZero-rAb™ Biotin Anti-Human IL-4RA/CD124 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98203



## Basic Information

Catalog Number:

Biotin-FcA98203

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1684

GenBank Accession Number:

NM\_000418.4

GeneID (NCBI):

3566

UNIPROT ID:

P24394-1

Full Name:

interleukin 4 receptor

Calculated MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

241824D8

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

-

## Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

## Background Information

IL-4 receptor alpha chain (IL-4RA), also known as CD124, is a transmembrane glycoprotein expressed on a wide variety of hematopoietic and non-hematopoietic cells. It is a receptor for both IL-4 and IL-13. IL-4RA can complex with the common gamma chain (IL-2R gamma or CD132) and utilizes JAK1 and JAK2 for signal transduction, while complexes of IL-4RA with IL-13RA1 subunit mediate signals via JAK2 and Tyk2. The IL-4 response is involved in promoting Th2 differentiation. The IL-4/IL-13 responses are involved in regulating IgE production and chemokine and mucus production at sites of allergic inflammation.

## 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

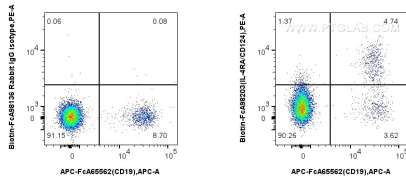
For technical support and original validation data for this product please contact:

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

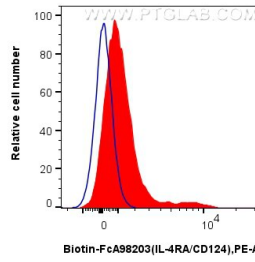
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD19 (4G7) Rabbit IgG Recombinant Antibody (APC-FcA65562, Clone: 4G7), and 0.25ug Biotin Anti-Human IL-4RA/CD124 Rabbit RecAb (Biotin-FcA98203, Clone: 241824D8) or Rabbit IgG Isotype Control RecAb (FcA98136-1-RR, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human IL-4RA/CD124 Rabbit RecAb (Biotin-FcA98203, Clone: 241824D8) (red) or Rabbit IgG Isotype Control RecAb (FcA98136-1-RR, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.