

For Research Use Only

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

Catalog Number: PE-FcA98203



Basic Information

Catalog Number:

PE-FcA98203

Concentration:

100 tests, 5 µl/test

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: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

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 and 0.5% BSA, pH7.3

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

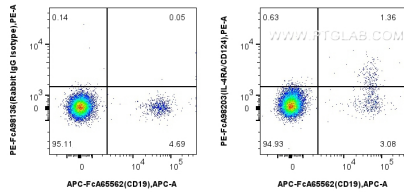
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD19 (4G7), and 5 ul PE Anti-Human IL-4RA/CD124 Rabbit RecAb (PE-FcA98203, Clone: 241824D8) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.