

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	GenBank Accession Number: NM_000418.4	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 3566	CloneNo.: 241824D8
Source: Rabbit	UNIPROT ID: P24394-1	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: interleukin 4 receptor	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG1684	Calculated MW: 90 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : human PBMCs,
Species Specificity: human	

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:

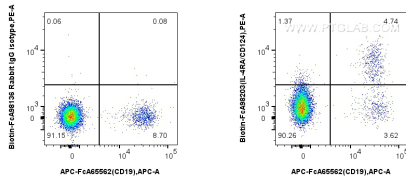
T: 4006900926

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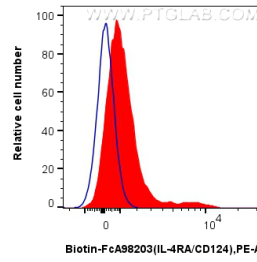
W: ptgcn.com

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Selected Validation Data



1x10⁶ 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.



1x10⁶ 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.