

APC Rabbit anti-Human CD123 mAb

Catalog No.: A28487

Basic Information

Observed MW

Calculated MW

43 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC79001

Conjugate

APC. Ex:650nm. Em:660nm.

Background

CD123 is the 70 kDa transmembrane alpha chain of the interleukin-3 (IL-3) receptor. It binds IL-3 with low affinity when alone; however, upon association with CD131 (the common beta chain), the complex binds IL-3 with high affinity. CD123 does not transduce intracellular signals upon IL-3 binding and requires the beta chain for this function. CD123 is expressed on bone marrow precursor cells, macrophages, dendritic cells, mast cells, basophils, megakaryocytes, and certain B-cell populations.

Recommended Dilutions

FC 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID

3563

Swiss Prot

P26951

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra; IL-3R-alpha

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

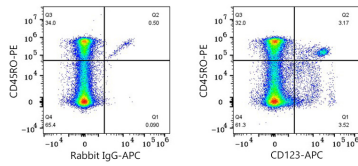
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with PE anti-human CD45RO Antibody (5 µl/Test) and APC Rabbit IgG isotype control (A24173,5 µl/Test, left) or APC Rabbit anti-Human CD123 mAb (A28487,5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.