

PE Rabbit anti-Human CD213a1/IL-13R α 1 mAb

Catalog No.: A26762

Basic Information

Observed MW

Calculated MW

49kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC62791-PE

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

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

Background

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

Immunogen Information

Gene ID

3597

Swiss Prot

P78552

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-343 of human CD213a1/IL-13R α 1 (NP_001551.1).

Synonyms

NR4; CT19; CD213A1; IL-13Ra

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

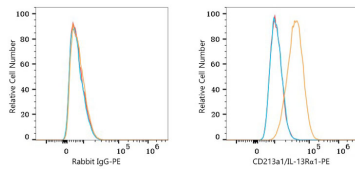
Affinity purification

Storage

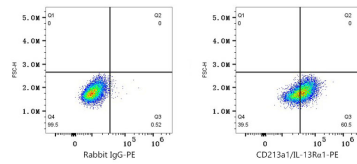
Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and MCF7 cells (right) were surface-stained with PE Rabbit anti-Human CD213a1/IL-13R α 1 mAb (A26762, 5 μ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 MCF7 cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Human CD213a1/IL-13R α 1 mAb (A26762, 5 μ l/Test, right).