

PE Rabbit anti-Mouse IL-13 mAb

Catalog No.: A26687

Basic Information

Observed MW

Calculated MW

14kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC64322-PE

Conjugate

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

Recommended Dilutions

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

Background

Predicted to enable interleukin-13 receptor binding activity. Involved in positive regulation of cold-induced thermogenesis and positive regulation of macrophage activation. Acts upstream of or within cellular response to cytokine stimulus; inflammatory response; and positive regulation of immune effector process. Located in cytoplasm; external side of plasma membrane; and extracellular space. Is expressed in gut; liver; male reproductive gland or organ; and thymus. Used to study atopic dermatitis. Human ortholog(s) of this gene implicated in several diseases, including allergic disease (multiple); autoimmune disease (multiple); diffuse scleroderma; lung disease (multiple); and nose disease (multiple). Orthologous to human IL13 (interleukin 13).

Immunogen Information

Gene ID

16163

Swiss Prot

P20109

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-131 of mouse IL-13 (NP_032381.1).

Synonyms

Il-13

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

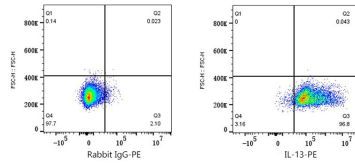
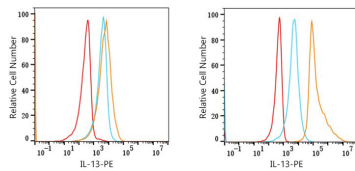
Affinity purification

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 CHO cells (negative control, left) and CHO (Transfection, right) cells were intracellularly-stained with PE Rabbit anti-Mouse IL-13 mAb (A26687, 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 CHO (Transfection) cells were intracellularly-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse IL-13 mAb (A26687, 5 μ l/Test, right).