

# IL-13 Rabbit mAb

Catalog No.: A25512 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

14kDa

### Category

Primary antibody

### Applications

FC (intra),ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC64322

## 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).

## Recommended Dilutions

**FC (intra)** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

16163

### Swiss Prot

P20109

### Immunogen

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

### Synonyms

IL-13

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

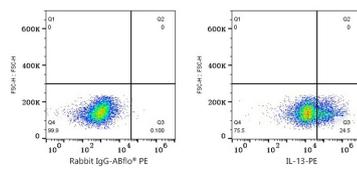
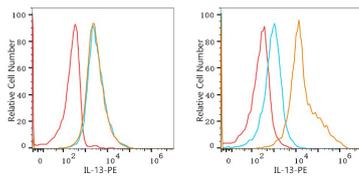
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> CHO cells (negative control, left) and CHO (Transfection, right) cells were intracellularly-stained with IL-13 Rabbit mAb (A25512, 2 µg/mL, orange line) or PE Rabbit IgG isotype control (A24172, 5 µl/Test, blue line), followed by PE Donkey anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> CHO (Transfection) cells were intracellularly-stained with PE Rabbit IgG isotype control (A24172, 5 µl/Test, left) or IL-13 Rabbit mAb (A25512, 2 µg/mL, right).