

PE Rabbit anti-Human IL-9 mAb

Catalog NO.: A26386 **1 Publications**

Basic Information

Observed MW

Calculated MW

16kDa

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Human

Conjugation

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

Clone number

ARC62039

Background

The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

Recommended Dilutions

FC (intra) 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

3578

Swiss Prot

P15248

Immunogen

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

Synonyms

P40; HP40; IL-9

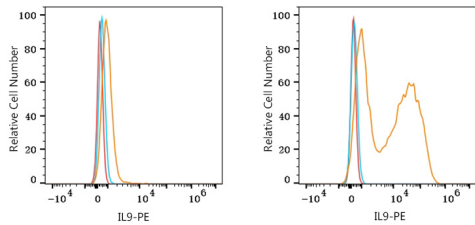
Contact

Product Information

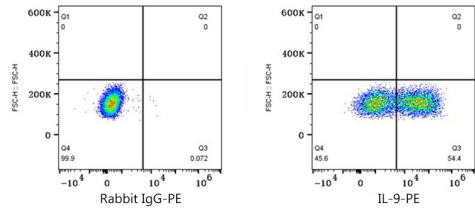
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were intracellularly-stained with PE Rabbit anti-Human IL9 mAb (A26386,5 μl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 293T (Transfection) cells were intracellularly-stained with PE Rabbit IgG isotype control (A24172,5 μl/Test,left) or PE Rabbit anti-Human IL9 mAb (A26386,5 μl/Test,right).

