

PE Rabbit anti-Mouse IL-4 mAb

Catalog No.: A28465

Basic Information

Observed MW

Calculated MW

16 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC56653

Conjugate

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

Background

IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. It serves as a potent lymphocyte growth factor that stimulates the growth and activation of certain B and T cells. IL-4 plays a critical role in regulating the development of T helper cell subsets.

Recommended Dilutions

FC (intra) ≤0.5 µg per million cells
in 100 µl volume

Immunogen Information

Gene ID

16189

Swiss Prot

P07750

Immunogen

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

Synonyms

IL-4; BSF-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

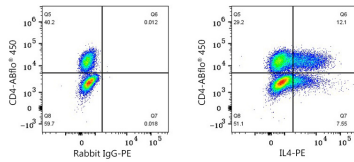
Affinity purification

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 Th2-polarized C57BL/6 mouse splenocytes (treated with 50ng/ml PMA+1 μ g/ml Ionomycin+1 μ g/ml Brefeldin A or 2 μ M Monensin for 6 hours) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941, 5 μ l/Test) and then intracellularly-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse IL4 mAb (A28465, 0.5 μ g, right).