

APC Rabbit anti-Mouse IL-17A mAb

Catalog No.: A28400

Basic Information

Observed MW

Refer to figures

Calculated MW

17 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC57584

Conjugate

APC. Ex:650nm. Em:660nm.

Recommended Dilutions

FC (intra) ≤0.25 µg per million cells
in 100 µl volume

Background

This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoimmune diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Immunogen Information

Gene ID

16171

Swiss Prot

Q62386

Immunogen

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

Synonyms

IL17; Ctlα8; IL-17; Ctlα-8; IL-17A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

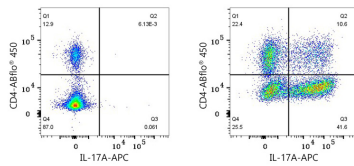
Affinity purification

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 C57BL/6 mouse splenocytes (untreated, left) and Th17-polarized C57BL/6 mouse splenocytes (treated with 50ng/ml PMA + 1ug/ml Ionomycin + 1ug/ml Brefeldin A for 6 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941, 5 μ l/Test) and then intracellularly-stained with APC Rabbit anti-Mouse IL-17A mAb (A28400, 0.25 μ g).