ABflo® 488 Rabbit anti-Mouse IL-17A mAb

ABclonal www.abclonal.com

Catalog No.: A28399

Basic Information

Observed MW

Refer to figures

Calculated MW

18 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC57584

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Recommended Dilutions

FC (intra)

≤0.25 µg per million cells in 100 µl volume

Immunogen Information

Gene ID

Swiss Prot Q62386

16171

Immunogen

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

Synonyms

II17; Ctla8; IL-17; Ctla-8; IL-17A

Contact

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Product Information

SourceIsotypePurificationRabbitIgGAffinity 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 C57BL/6 mouse splenocytes (untreated,left) and Th17-polarized C57BL/6 mouse splenocytes (treated with 50ng/ml PMA + 1ug/ml lonomycin + 1ug/ml Brefeldin A for 6 hours,right) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941,5 µl/Test) and then intracellularly-stained with ABflo® 488 Rabbit anti-Mouse IL-17A mAb (A28399,0.25 µg).