# APC Rabbit anti-Mouse IL-17A mAb

ABclomal

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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.

## **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** 16171

**Swiss Prot** 

Q62386

### **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**

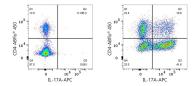
SourceIsotypePurificationRabbitIgGAffinity purification

### **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  $\mu$ l/Test) and then intracellularly-stained with APC Rabbit anti-Mouse IL-17A mAb (A28400,0.25  $\mu$ g).