

# PE Rabbit anti-Human CD217/IL-17RA mAb

Catalog No.: A27411

## Basic Information

### Observed MW

### Calculated MW

96kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC72068

### Conjugate

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

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Immunogen Information

### Gene ID

23765

### Swiss Prot

Q96F46

### Immunogen

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

### Synonyms

CD217; IL17R; IMD51; CANDF5; CDw217; IL-17RA; hIL-17R

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

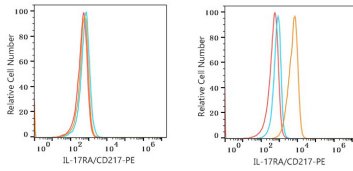
Affinity purification

### Storage

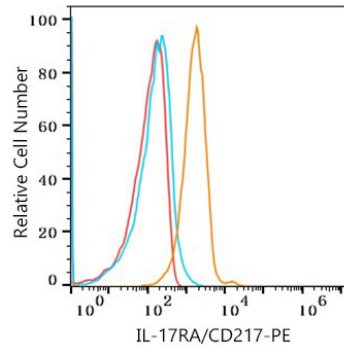
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> HEL cells (negative control, left) and HL-60 cells (right) were surface-stained with PE Rabbit anti-Human IL-17RA/CD217 mAb (A27411,5 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<sup>6</sup> Human PBMC were surface-stained with PE Rabbit anti-Human IL-17RA/CD217 mAb (A27411,5 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). Cells in the Monocyte gate were used for analysis.