

# APC Rabbit anti-Human/Monkey CD14 mAb

Catalog No.: A25937

## Basic Information

### Observed MW

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC65657

### Conjugate

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

## Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

929

### Swiss Prot

P08571

### Immunogen

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

### Synonyms

CD14

## Contact

 | 400-999-6126

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 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

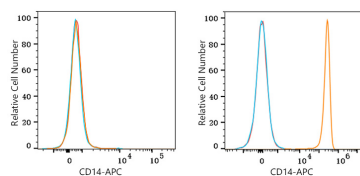
Affinity purification

### Storage

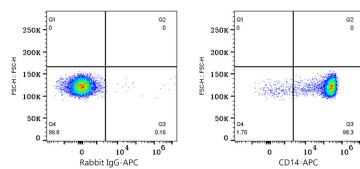
Store at 2-8°C. Avoid freeze.

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

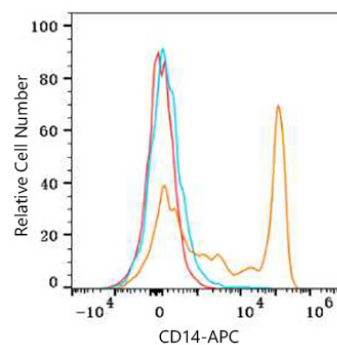
## Validation Data



Flow cytometry:  $1 \times 10^6$  HUVEC cells (negative control, left) and Human PBMC (right) were surface-stained with APC Rabbit anti-Human CD14 mAb (A25937, 5 µl/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Human CD14 mAb (A25937, 5 µl/Test, right).



Flow cytometry:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with APC Rabbit anti-Human/Monkey CD14 mAb (A26937, 5 µl/Test, orange line) or APC Rabbit IgG isotype control (A24173, 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.