Leader in Biomolecular Solutions for Life Science

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# APC Rabbit anti-Human CD47 mAb

**Catalog No.: A28071**

## Basic Information

**Observed MW**

**Calculated MW**
31kDa/33kDa/35kDa

**Category**
Primary antibody

**Applications**
FC

**Cross-Reactivity**
Human

**CloneNo number**
ARC61212

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

## Background

This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.

## Recommended Dilutions

| | |
|---|---|
| **FC** | 5 µl per 10^6 cells in 100 µl volume |

## Immunogen Information

**Gene ID**
961

**Swiss Prot**
Q08722

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

**Synonyms**
IAP; OA3; MER6

## Contact


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## Product Information

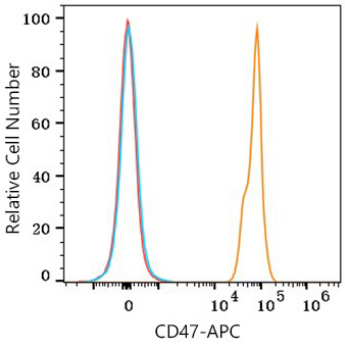
**Source**
Rabbit

**Isotype**
IgG

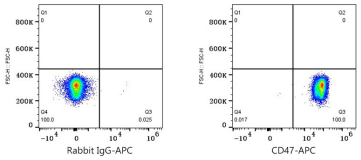
**Purification**
Affinity purification

**Storage**
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

## Validation Data




Flow cytometry: 1X10^6 Human PBMC were surface-stained with APC Rabbit anti-Human CD47 mAb (A28071,5 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 lymphocyte gate were used for analysis.




Flow cytometry: 1X10^6 Human PBMC were surface-stained with APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human CD47 mAb (A28071,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.