

# APC Rabbit anti-Human CD38 mAb

**Catalog No.: A26866**

## Basic Information

**Observed MW****Calculated MW**

13kDa/34kDa

**Category**

Primary antibody

**Applications**

FC

**Cross-Reactivity**

Human

**CloneNo number**

ARC5131-01

**Conjugate**

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

## Background

The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

**Gene ID**

952

**Swiss Prot**

P28907

**Immunogen**

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

**Synonyms**

ADPRC1; cADPR1; ADPRC 1

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

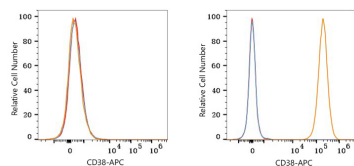
Affinity purification

**Storage**

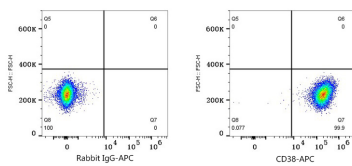
Store at 2-8°C. Avoid freeze.

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

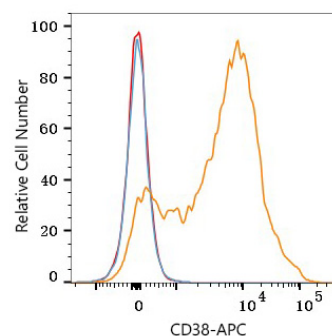
## Validation Data



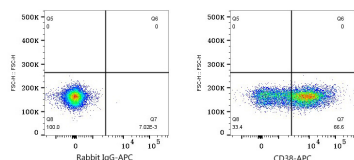
Flow cytometry:  $1 \times 10^6$  HepG2 cells (negative control, left) and Daudi cells (right) were surface-stained with APC Rabbit anti-Human CD38 mAb (A26866, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD38 mAb (A26866, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with APC Rabbit anti-Human CD38 mAb (A26866, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD38 mAb (A26866, 5  $\mu$ l/Test, right).