

# CD38 Rabbit mAb

Catalog No.: A20215 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

13kDa/34kDa

### Category

Primary antibody

### Applications

ELISA,FC

### Cross-Reactivity

Human

### CloneNo number

ARC5131-01

## Recommended Dilutions

Elisa	1:500 - 1:2000
FC	1:50 - 1:200

## Contact

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

## 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
952	P28907

### Immunogen

Recombinant protein of human CD38.

### Synonyms

CD38;ADPRC 1;ADPRC1

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.01% thimerosal, pH7.3.