

# CD47 Rabbit mAb

Catalog No.: A21904 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

45-50kDa

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

WB,FC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC51804

## 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

**WB** 1:1000 - 1:4000

**FC** 1:50-1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

961

### Swiss Prot

Q08722

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 224-323 of human CD47 (NP\_001768.1).

### Synonyms

IAP; OA3; MER6; CD47

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

