

# CD47 Rabbit mAb

Catalog No.: A21904

Recombinant

1 Publications

## Basic Information

### Observed MW

45-50kDa

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

ELISA, WB, FC

### 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** 1:500 - 1:1000; FC  
1:50-1:200

## 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

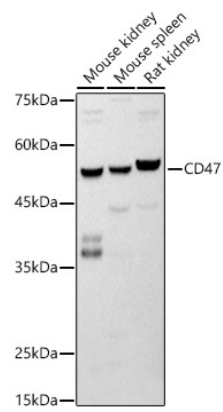
Affinity purification

### Storage

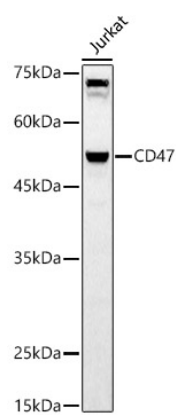
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of various lysates using CD47 Rabbit mAb (A21904) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Western blot analysis of lysates from Jurkat cells, using CD47 Rabbit mAb (A21904) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.