

# CD9 Rabbit mAb

Catalog No.: A19027   Recombinant   34 Publications

## Basic Information

### Observed MW

25 kDa

### Calculated MW

25 kDa

### Category

Primary antibody

### Applications

WB, IP, ELISA

### Cross-Reactivity

Human, Mouse

### Clone/No. number

ARC0330

## Background

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.

## Recommended Dilutions

WB	1:1000 - 1:8000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

928

### Swiss Prot

P21926

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29; CD9

## Contact

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	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

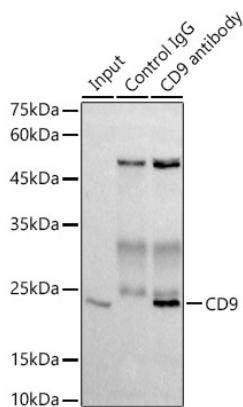
Affinity purification

### Storage

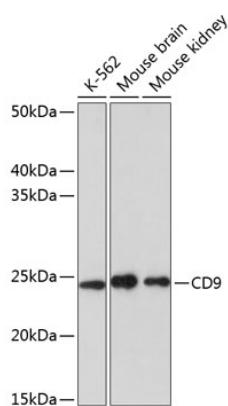
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunoprecipitation analysis of 300  $\mu$ g extracts from THP-1 cells using 3  $\mu$ g CD9 Rabbit mAb (A19027). Western blot was performed from the immunoprecipitate using CD9 Rabbit mAb (A19027) at a dilution of 1:1000.



Western blot analysis of various lysates using CD9 Rabbit mAb (A19027) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.