

# CD9 Rabbit Polyclonal Antibody



CAB1703

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

23kDa

### Calculated MW:

25kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

928

### Uniprot

P21926

### Synonyms:

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

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

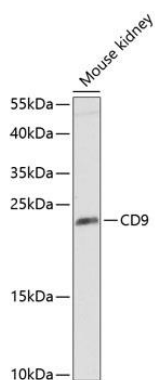
Recombinant fusion protein containing a sequence corresponding to amino acids 112-195 of human CD9 (NP\_001760.1).

### Storage:

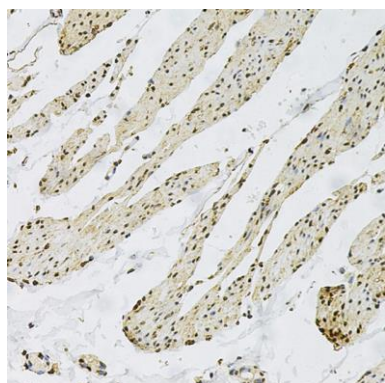
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

---



Western blot analysis of extracts of mouse kidney, using CD9 Antibody (CAB1703) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020).



Immunohistochemistry of paraffin-embedded human smooth muscle using CD9 Rabbit pAb (CAB1703) at dilution of 1:100 (40x lens).