

For Research Use Only

# CD9 Recombinant antibody

Catalog Number: 84801-5-RR



## Basic Information

Catalog Number:

84801-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_007657.3

GeneID (NCBI):

12527

UNIPROT ID:

P40240

Full Name:

CD9 antigen

Calculated MW:

25 kDa

Observed MW:

23 kDa

Purification Method:

Protein A purification

CloneNo.:

242432A2

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse placenta tissue,

## Background Information

CD9, also known as Tspan-29, p24 or MIC3, is a member of the tetraspanin superfamily (PMID: 1879540). It is expressed on a large variety of hematopoietic and non-hematopoietic cells, such as stromal cells, megakaryocytes, platelets, B and T lymphocytes, dendritic cells, endothelial cells, mast cells, eosinophils, and basophils (PMID: 30356731). CD9 interacts with the integrin family and other membrane proteins, and is involved in cell adhesion, cell motility and tumor metastasis (PMID: 8478605; 21428940; 25805926). Expression of CD9 enhances membrane fusion between muscle cells and supports myotube maintenance (PMID:10459022). On oocytes, CD9 is hypothesized to play a role in the fertilization of mammals (PMID: 25536312).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

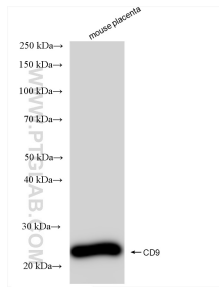
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse placenta tissue were subjected to SDS PAGE followed by western blot with 84801-5-RR (CD9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.