



Mouse Monoclonal Antibody **CD9** conjugated to Sepharose Beads

CatalogNo: **ANT8334-M**

Size 200ul

Storage Store at 4 °C for frequent use

### Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

**CD9 (ANT0007R) Rabbit mAb**

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

### Host Species

- Rabbit
- Human, Mouse, Rat,

### Reactivity

- WB, IHC, IF, IP, ELISA

### Applications

### MW

- 25kD (Calculated)
- 25kD (Observed)
- IgG, Kappa

### Isotype

## Recommended Dilution Ratios

### IP

## Basic Information

### Clonality

Monoclonal

Clone Number      ANT0007R

Immunogen Information

Specificity      Endogenous

Gene name      CD9

Protein Name      CD9 antigen

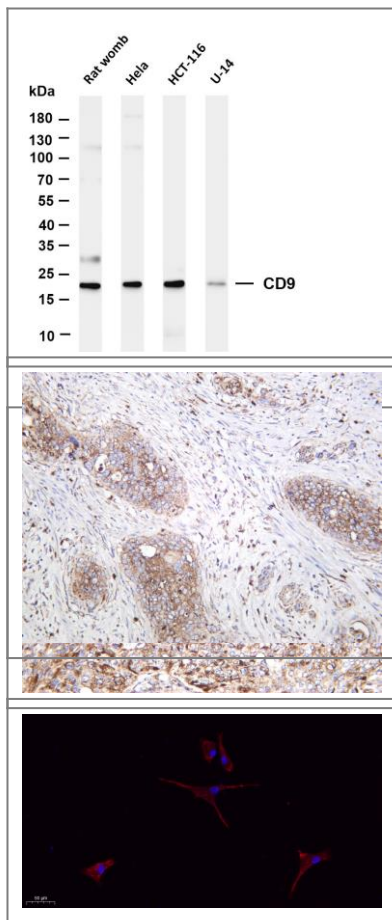
Organism	Gene ID	UniProt ID
Human	<a href="#">928;</a>	<a href="#">P21926;</a>
Mouse	<a href="#">12527;</a>	<a href="#">P40240;</a>
Rat	<a href="#">24936;</a>	<a href="#">P40241;</a>

Cellular Localization      Membrane

Tissue specificity Detected in platelets (at protein level) (PubMed:19640571). Expressed by a variety of hematopoietic and epithelial cells (PubMed:19640571).

Function Function:Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for spermegg fusion.,ANTM:Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Forms both disulfide-linked homodimers and higher homooligomers as well as heterooligomers with other members of the tetraspanin family. Associates with CR2/CD21 and with PTGFRN/CD9P1. Interacts directly with IGSF8.,tissue specificity:Expressed by a variety of hematopoietic and epithelial cells.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD9 (ANT0007R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat womb Lane 2: HeLa Lane 3: HCT-116 Lane 4: U-14

Predicted band size: 25kDa Observed band size: 25kDa

Human bladder carcinoma was stained with anti-CD9 (ANT0007R) rabbit antibody  
Human cervical carcinoma was stained with anti-CD9 (ANT0007R) rabbit antibody

Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.

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