

## CD9 (PTR1357) Mouse mAb

CatalogNo: YM4772

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human,

#### Applications

- WB,IF,ELISA

#### MW

- 24kD (Calculated)  
22kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000**

**IF 1:100-500**

**ELISA 1:1000-5000**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Basic Information

**Clonality** Monoclonal

**Clone Number** PTR1357

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human CD9. AA range:100-200

**Specificity** This antibody detects endogenous levels of CD9.

## Target Information

**Gene name** CD9

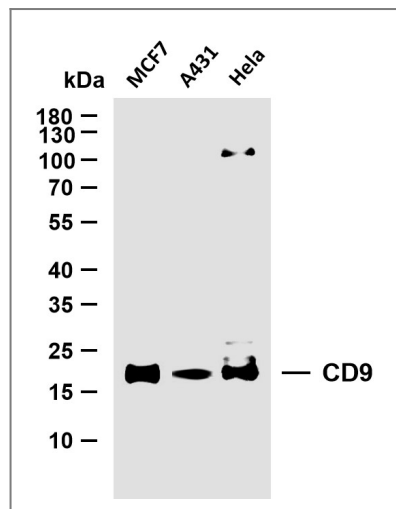
**Protein Name** CD9 antigen

Organism	Gene ID	UniProt ID
Human	<a href="#">928;</a>	<a href="#">P21926;</a>

**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 sperm-egg fusion.,PTM: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 10% SDS-PAGE, and the membrane was blotted with anti-CD9 (PTR1357) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: mouse spleen Lane 2: HeLa

## Contact information

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**CD9 (PTR1357)**  
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