

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

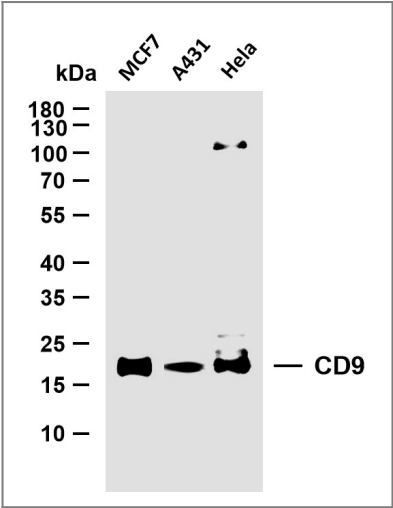
Gene name CD9
Protein Name CD9 antigen

Organism	Gene ID	UniProt ID
Human	928;	P21926;

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)
Mouse mAb

