



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

CatalogNo: **ANT8334-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

CD9 (ANT0007R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

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

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0007R

Immunogen Information

Specificity Endogenous

Gene name CD9

Protein Name CD9 antigen

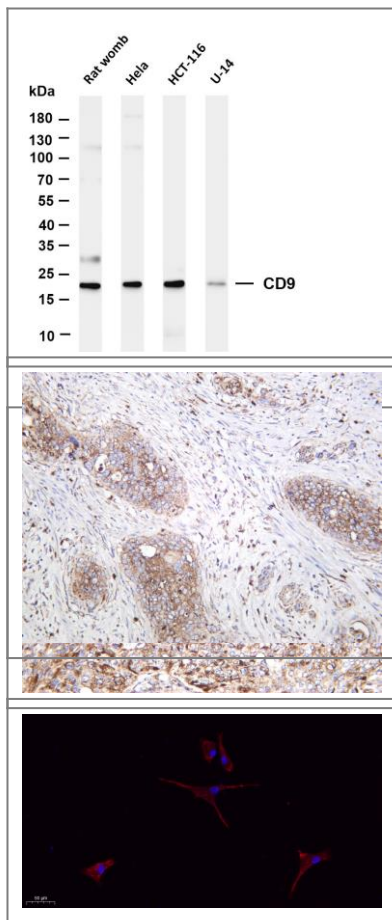
Organism	Gene ID	UniProt ID
Human	928;	P21926;
Mouse	12527;	P40240;
Rat	24936;	P40241;

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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Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com