CD9 Rabbit mAb (AR1275)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	25kD (Calculated) 20kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

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

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	Endogenous

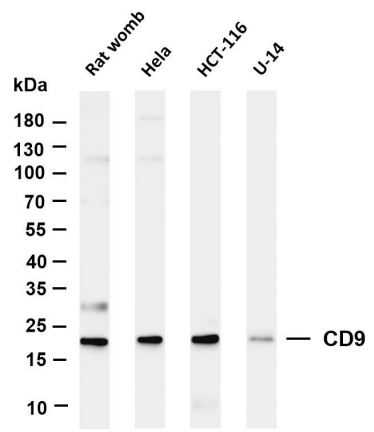
Target Information

Gene name	CD9
Protein Name	CD9 antigen

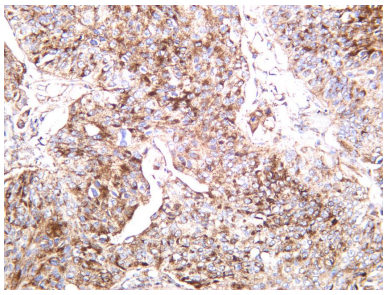
Organism	Gene ID	UniProt ID
Human	928	P21926
Mouse	12527	P40240
Rat	24936	P40241

Cellular Localization	Membrane
Tissue specificity	Detected in platelets (at protein level). Expressed by a variety of hematopoietic and epithelial cells.

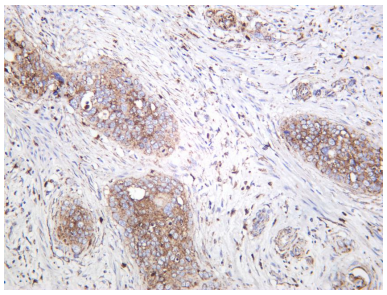
Validation Data



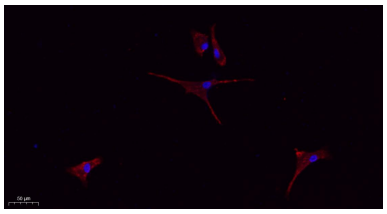
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD9 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.
Lane 1: Rat womb
Lane 2: Hela
Lane 3: HCT-116
Lane 4: U-14
Predicted band size: 25kDa
Observed band size: 20kDa



Human bladder carcinoma was stained with anti-CD9 rabbit antibody



Human cervical carcinoma was stained with anti-CD9 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. DAPI (blue) 10min.

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