

Anti-CD9 antigen CD9 Antibody

Catalog Number: A01202

About CD9

CD9 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Like other tetraspanins, CD9 is a cell surface glycoprotein that plays a role in many cellular processes including differentiation, adhesion, and signal transduction (1). CD9 expression plays a critical role in the suppression of cancer cell motility and metastasis. In one study, the knockdown of CD9 expression suppressed the metastatic capacity of human breast cancer cells (2), while other results have shown the opposite effect, suggesting that different proteins associated with CD9 account for its abilities to promote or suppress metastasis (3).

Overview

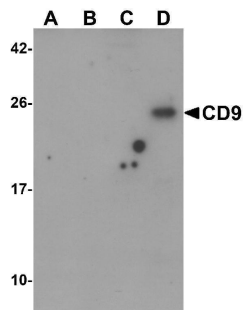
Product Name	Anti-CD9 antigen CD9 Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD9 antigen CD9 Antibody (Catalog # A01202). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	CD9 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CD9 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P21926

Technical Details

Immunogen	CD9 antibody was raised against a peptide corresponding to 19 amino acids near the center of human CD9.
Predicted Reactive Species	Boar, Bovine, Cat, Mouse, Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CD9 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CD9 antibody can be used for Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet

tested. Optimal dilutions for each application should be determined by the researcher.

Anti-CD9 antigen CD9 Antibody (A01202) Images



Western blot analysis of CD9 in (A) human ovary, (B) human uterus, (C) human ovary tumor, and (D) human uterus tumor tissue lysate with CD9 antibody at 1 ug/ml.

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Anti-CD9 antigen CD9 Antibody

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