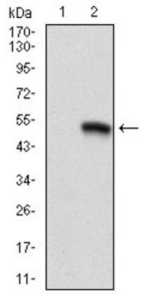
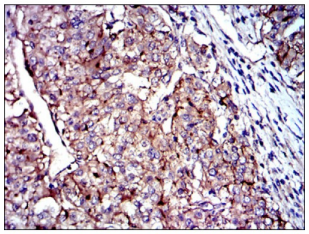
CD9 Antigen (CD9) Antibody

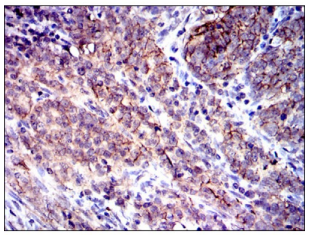
Catalogue No.:abx011834



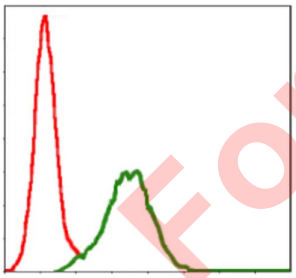
Western blot analysis using CD9 antibody against HEK293 (1) and CD9 (AA: 37-228) -hIgGFc transfected HEK293 (2) cell lysate.



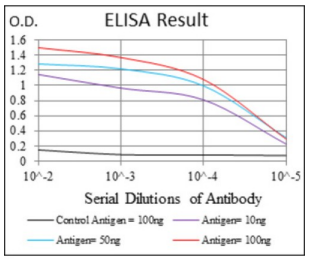
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD9 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded kidney cancer tissues using CD9 antibody with DAB staining.



Flow cytometric analysis of Jurkat cells using CD9 antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance.

Target:	CD9 Antigen (CD9)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthesized peptide of human CD9.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P21926 (UniProt, ExPASy)
Gene Symbol:	CD9
GeneID:	928
OMIM:	143030
HGNC:	1709
KEGG:	hsa:928
Ensembl:	ENSG00000010278

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String:	9606.ENSP00000371958
Molecular Weight:	25 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	This product is for research use only.

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