CD9 Antibody

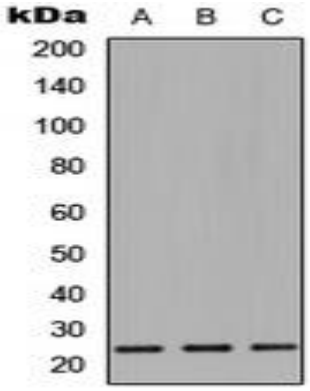
Basic information:

Catalog No.:	UPA02831	**Source:**	Rabbit
Size:	50ul/100ul	**Clonality:**	Polyclonal
Concentration:	1mg/ml	**Isotype:**	IgG
Purification:	The antibody was purified by immunogen affinity chromatography.		

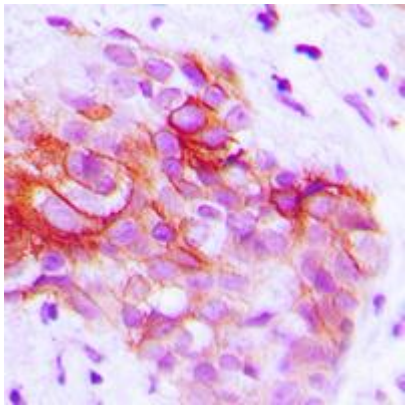
Useful Information:

Applications:	WB: 1:500 - 1:1000 IHC: 1:100-1:200 IF/IC: 1:100-1:500
Reactivity:	Human, Mouse, Rat, Monkey
Specificity:	Recognizes endogenous levels of CD9 protein.
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD9. The exact sequence is proprietary.
Description:	Rabbit polyclonal antibody to CD9
Uniprot:	P21926(Human), P40240(Mouse), P40241(Rat)
BiowMW:	Refer to Figures
Buffer:	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage:	Store at 4°C short term and -20°C long term. Avoid freeze-thaw cycles.
Note:	For research use only, not for use in diagnostic procedure.

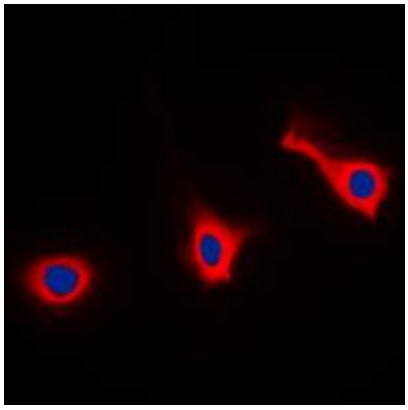
Data:



Western blot analysis of CD9 expression in HEK293T (A), NIH3T3 (B), rat heart (C) whole cell lysates.



Immunohistochemical analysis of CD9 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counter-stained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CD9 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).