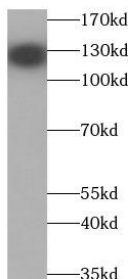
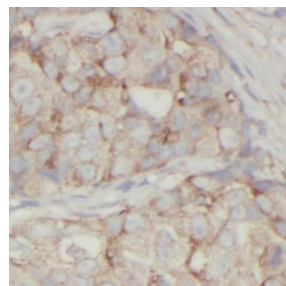


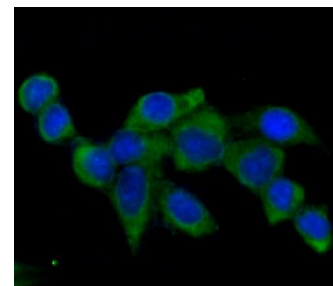
<b>Cat. No:</b>	MAB-80145
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	VIN-54
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	vinculin
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Applications:</b>	Western Blot: 1:2000-1:20000 Immunohistochemistry: 1:50-1:500 Immunofluorescence: 1:50-1:500
<b>Molecular Weight:</b>	124 kDa
<b>Purification:</b>	Protein A+G purification
<b>Synonyms:</b>	CMD1W, Metavinculin, MVCL, VCL, Vinculin
<b>Background:</b>	Vinculin belongs to the vinculin/alpha-catenin family. It is an actin filament(F-actin)-binding protein which involved in cell-matrix adhesion and cell-cell adhesion. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It may also play important roles in cell morphology and locomotion. Vinculin is a 117-kDa, 1,066-amino-acid protein which is ubiquitously expressed. Its splice variant, metavinculin(124 kDa), is muscle-specific.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3,
<b>Storage:</b>	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)



HeLa lysates were subjected to SDS PAGE followed by western blot with Vinculin Antibody at dilution of 1:5000



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using (Vinculin Antibody) at dilution of 1:200



Immunofluorescent analysis of HeLa cells using (vinculin antibody) at dilution of 1:50 and FITC-conjugated Goat Anti-Mouse IgG(H+L)

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