

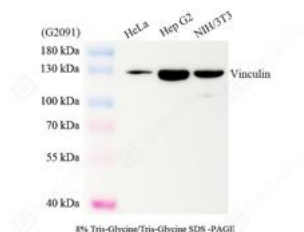


Product name:	Recombinant Anti-Vinculin Mouse Monoclonal Antibody
Cat number:	MABS150068
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 µL
Synonyms:	Metavinculin, Vcl, CMD1W, CMH15, MVCL, MV, VINC
Concentration:	1mg/ml
Isotype:	IgG1
Immunogen:	Recombinant protein corresponding to Human Vinculin
Reactivity:	Species, Human, Mouse, Rat
Applications:	WB 1: 1000-1: 2000 IHC/IF 1: 1000-1: 2000
Molecular Weight:	124 kDa
Purification:	Affinity purification
Background:	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.
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

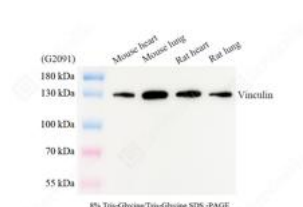
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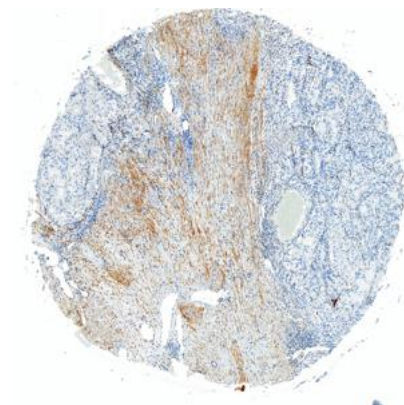
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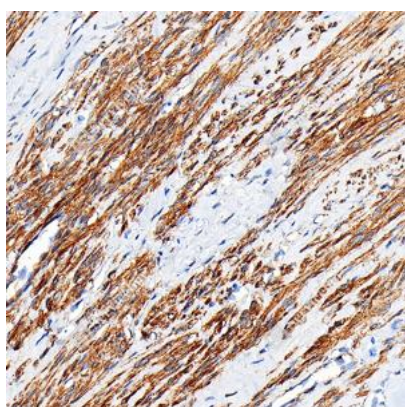
WB analysis of Vinculin. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG, 1: 5000, RT, 1h.



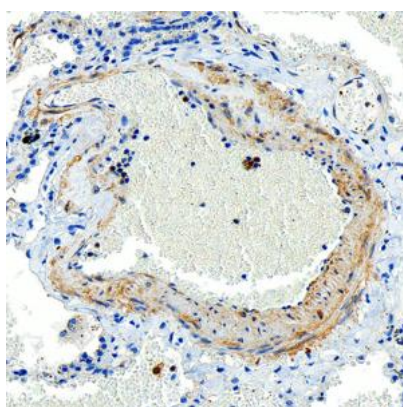
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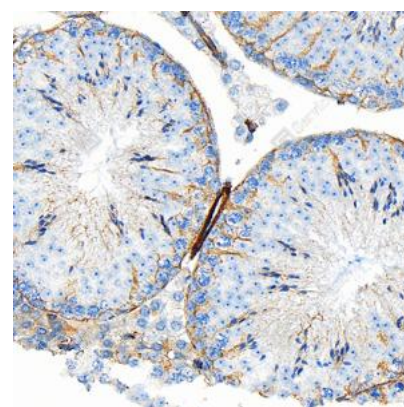
IHC analysis of Vinculin. Sample: Human Renal cancer, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use, RT, 20min.



IHC analysis of Vinculin. Sample: Human gastric leiomyosarcoma, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1800, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use, RT, 20min.



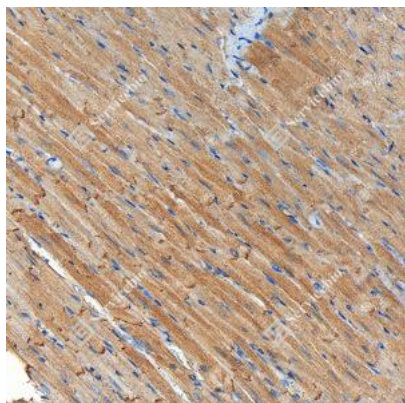
IHC analysis of Vinculin. Sample: Human lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1800, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use, RT, 20min.



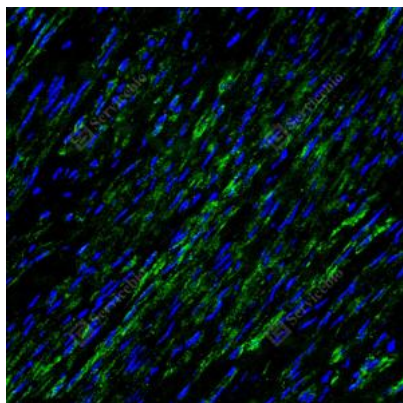
IHC analysis of Vinculin. Sample: Mouse testis, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use, RT, 20min.

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IHC analysis of Vinculin. Sample: Rat heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use, RT, 20min.

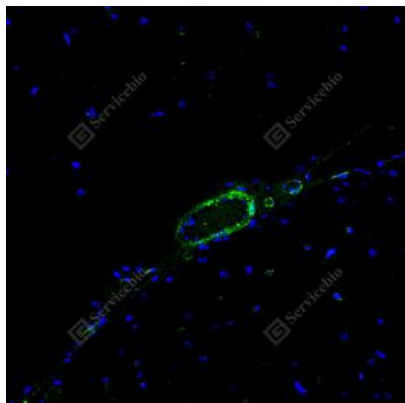


IF analysis of Vinculin. Sample: Human gastric leiomyosarcoma, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: 488 conjugated Goat Anti-Mouse IgG, 1: 400, RT, 1h.



IF analysis of Vinculin. Sample: Mouse small intestine, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: 488 conjugated Goat Anti-Mouse IgG, 1: 400, RT, 1h.

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IF analysis of Vinculin. Sample:
Rat brain, 4% PFA 12-24h. Antigen
retrieval: Citrate buffer, pressure
cooker 2 min. Blocking buffer: 3% BSA
in PBS, RT, 30min. Primary antibody: 1:
1000, 4°C overnight. Secondary
antibody: 488 conjugated Goat
Anti-Mouse IgG, 1: 400, RT, 1h.

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