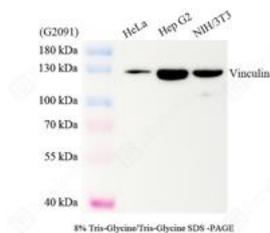


<b>Product name:</b>	Recombinant Anti-Vinculin Mouse Monoclonal Antibody
<b>Cat number:</b>	MABS150068
<b>Conjugate:</b>	unconjugated
<b>Size:</b>	100 µL
<b>Clone:</b>	VC12
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	Recombinant protein corresponding to Human Vinculin
<b>Reactivity:</b>	Species, Human, Mouse, Rat
<b>Applications:</b>	Applications Dilution WB 1: 1000-1: 2000 IHC/IF 1: 1000-1: 2000
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
<b>Storage:</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Synonyms:</b>	Metavinculin, Vcl, CMD1W, CMH15, MVCL, MV, VINC
<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.

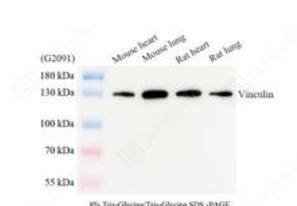
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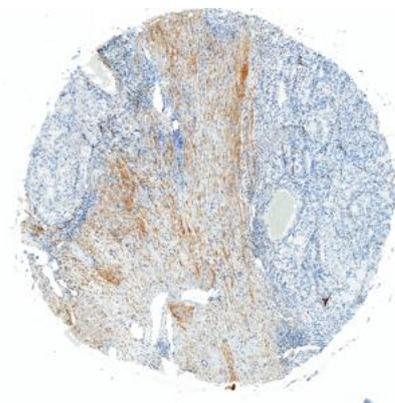
Web-site: <https://immunologicalsciences.com> - E-mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)



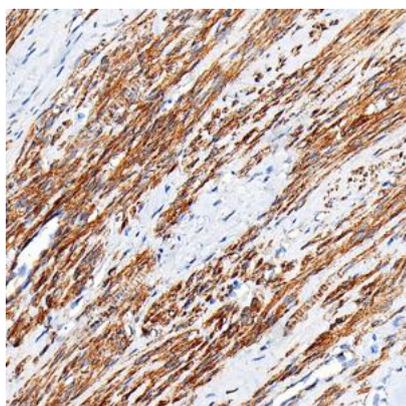
WB analysis of Vinculin. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 5000, RT, 1h.



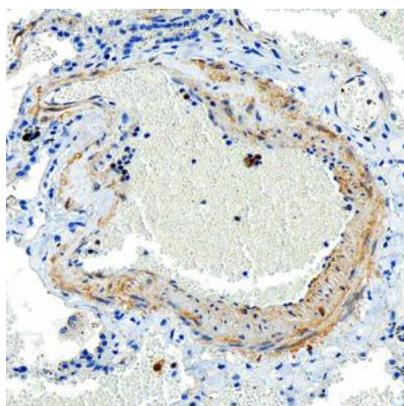
WB analysis of Vinculin. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 5000, RT, 1h.



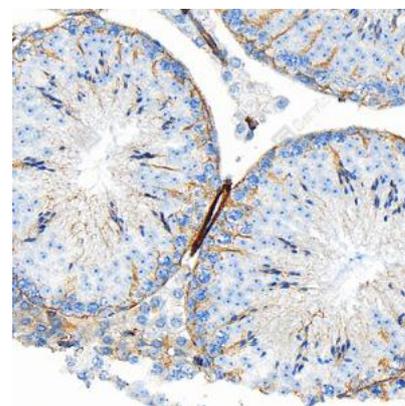
IHC analysis of Vinculin. Sample: Human Renal cancer, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



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.

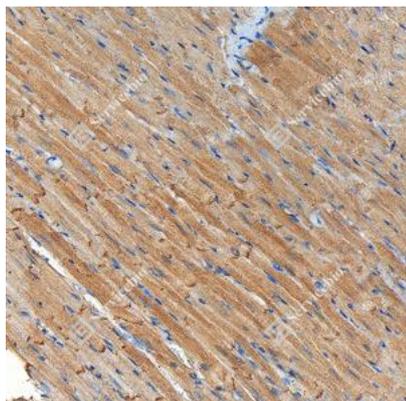


IHC analysis of Vinculin. Sample: Human lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2 min. Primary antibody: 1: 1800, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

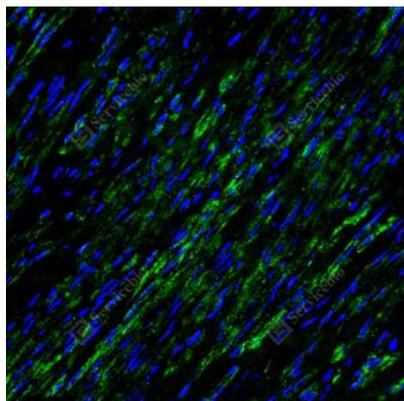


IHC analysis of Vinculin. Sample: Mouse testis, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

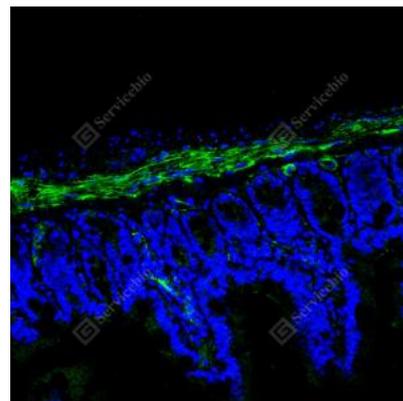
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IHC analysis of Vinculin. Sample: Rat heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: S-visualization poly-HRP conjugated Goat Anti-Mouse IgG, Ready to use,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

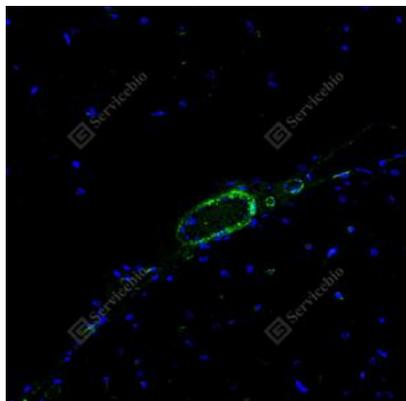


IF analysis of Vinculin. Sample: Human gastric leiomyosarcoma, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: 488 conjugated Goat Anti-Mouse IgG, 1: 400, RT, 1h.



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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