

Anti-Vitronectin Rabbit pAb



WL03083

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Vitronectin Rabbit pAb		
Source	Rabbit		
Species reactivity	Mouse, Rat		
Tested applications	Western blot	1:1000-1:2000	
	Immunohistochemistry	1:100-1:400	
<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>			
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Fibronectin and Vitronectin are extracellular matrix glycoproteins that are present on most cell surfaces, in extracellular fluids, and in plasma. Both Fibronectin and Vitronectin have been shown to be involved in various functions including cell adhesion, cell motility and wound healing. Vitronectin contains an RGD (Arg-Gly-Asp acid) sequence that is present in many cell adhesion ligands. The RGD sequence has been shown to be essential for cell adhesion. Increased expression of Vitronectin, integrins and plasminogen activators has been observed in migrating cells during wound healing. Vitronectin has been shown to enhance smooth cell migration, and PAI-1 has been shown to bind to Vitronectin with high affinity, resulting in the blocking of smooth cell migration.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Vitronectin.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

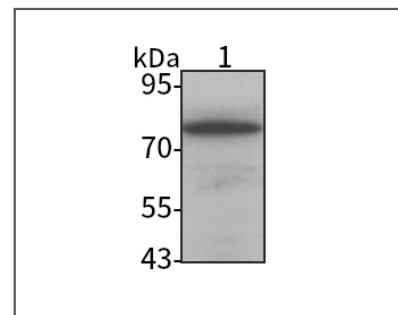
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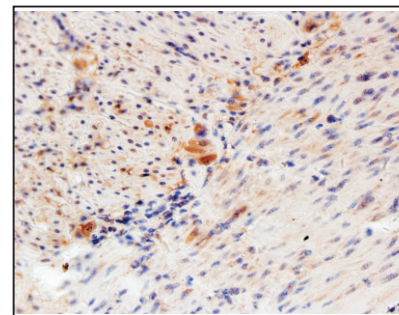
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Product Images



Western blot-Anti-Vitronectin pAb

Lane 1: Mouse liver tissue lysate
All lanes: Anti-Vitronectin at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane
 Predicted band size: 54 kDa
 Observed band size: 65-75 kDa



Immunohistochemistry-Anti-Vitronectin pAb

Sample: Mouse stomach tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:250, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB