Product **Datasheet**

Anti-Vitronectin Rabbit pAb

WL01111

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Vitronectin Rabbit pAb
Source	Rabbit
Species reactivity	Human
Tested applications	Western blot 1:500-1:1000
	**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.*
Molecular Wt.	65, 75 kDa
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 immunogen affinity chromatography.

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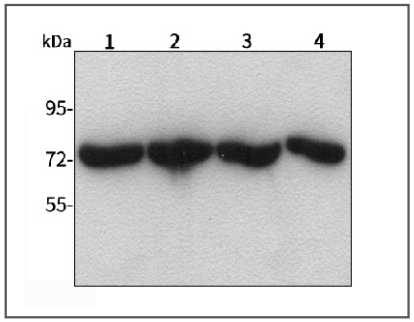
Product Images



Western blot-Anti-Vitronectin pAb

Lane 1: Hmuan HepG2 cell lysate 20µg
Lane 2: Hmuan Hela cell lysate 20µg
Lane 3: Hmuan SW480 cell lysate 20µg
Lane 4: Hmuan BGC-823 cell lysate 20µg
Separation gel: 8% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1.5h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody-HRP: 1:7000 in blocking buffer, RT, 45min
Visualization: ECL

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