



## Rabbit Anti-Vitronectin antibody

SL1932R

<b>Product Name:</b>	Vitronectin
<b>Chinese Name:</b>	玻璃粘连蛋白抗体
<b>Alias:</b>	Complement S Protein; Epibolin; S Protein; Serum Spreading Factor; V75; Vitronectin V10 subunit; VN; VNT; VTN; S-protein; Serum-spreading factor; V75; Vitronectin V10 subunit; VTNC_HUMAN.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(1)</b> SL1932R has been referenced in 1 publications.</p> <p><b>[IF=7.60]</b>Wang, Yang, et al. "Induced apoptosis of osteoblasts proliferating on polyhydroxyalkanoates." <i>Biomaterials</i> (2013).<b>Rat</b>.</p> <p><a href="#">PubMed:23433672</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	9/52kDa
<b>Cellular localization:</b>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Vitronectin:381-478/478
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Vitronectin (also known as serum spreading factor, S protein of complement or epibolin) is one of the major multifunctional cell adhesive glycoproteins in mammalian plasma and serum. It is a monomeric acidic glycoprotein detected as a mixture of 75 kD and 65 kD polypeptides. Vitronectin binds to heparin, collagen, streptococci and variety of cultured cells. It also acts as an inhibitor of the complement cascade by binding to the C5b9 complex. Vitronectin promotes cell adhesion and spreading by binding through its cell attachment tripeptide Arg-Gly-Asp (RG-D), activity which is mediated by several different integrin receptors. Apart from the significance for identifying the molecule in the above situations, it also plays an important role in events such as embryonal development, deposition of vitronectin in a number of fibrotic disease states, carcinomas and metastases.</p> <p><b>Function:</b>  Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway (By similarity).</p> <p><b>Subunit:</b>  Monomer. Interacts with SERPINE1/PAI1 (By similarity).</p> <p><b>Subcellular Location:</b>  Secreted, extracellular space.</p> <p><b>Tissue Specificity:</b>  Plasma.</p> <p><b>Post-translational modifications:</b>  Sulfated on 2 tyrosine residues (By similarity).  N- and O-glycosylated (By similarity).  It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.</p> <p><b>Similarity:</b>  Contains 4 hemopexin-like domains.  Contains 1 SMB (somatomedin-B) domain.</p> <p><b>SWISS:</b>  P04004</p> <p><b>Gene ID:</b>  7448</p>

**Database links:**

[Entrez Gene: 7448](#)Human

[Entrez Gene: 22370](#)Mouse

[Entrez Gene: 29169](#)Rat

[Omin: 193190](#)Human

[SwissProt: P04004](#)Human

[SwissProt: P29788](#)Mouse

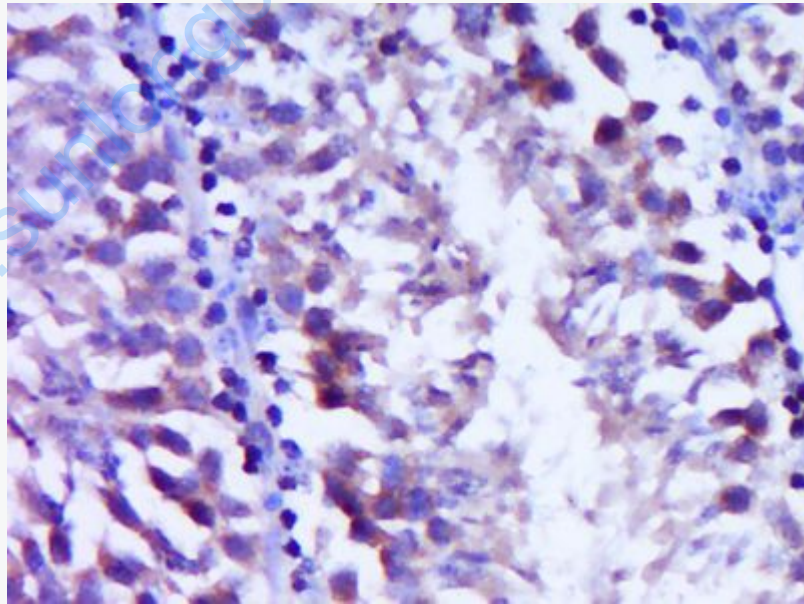
[Unigene: 2257](#)Human

[Unigene: 3667](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C

for 30min; Antibody incubation with (Vitronectin) Polyclonal Antibody, Unconjugated (SL1932R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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