

**VTN Antibody(Ascites)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2089a****Specification**

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**VTN Antibody(Ascites) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P04004</a>
Other Accession	<a href="#">NP_000629.3</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Calculated MW	54306
Antigen Region	352-379

**VTN Antibody(Ascites) - Additional Information****Gene ID** 7448**Other Names**

Vitronectin, VN, S-protein, Serum-spreading factor, V75, Vitronectin V65 subunit, Vitronectin V10 subunit, Somatomedin-B, VTN

**Target/Specificity**

This VTN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 352-379 amino acids from human VTN.

**Dilution**

WB~~1:500~1600

E~~Use at an assay dependent concentration.

**Format**

Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

VTN Antibody(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

**VTN Antibody(Ascites) - Protein Information****Name** VTN**Function** 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.

**Cellular Location**

Secreted, extracellular space

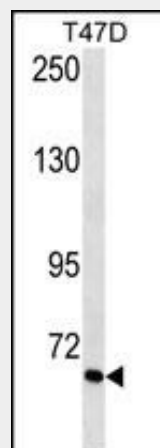
**Tissue Location**

Expressed in the retina pigment epithelium (at protein level) (PubMed:25136834). Expressed in plasma (at protein level) (PubMed:2448300). Expressed in serum (at protein level) (PubMed:29567995).

**VTN Antibody(Ascites) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**VTN Antibody(Ascites) - Images**

VTN Antibody (Cat. #AM2089a) western blot analysis in T47D cell line lysates (35µg/lane). This demonstrates the VTN antibody detected the VTN protein (arrow).

**VTN Antibody(Ascites) - Background**

The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.

**VTN Antibody(Ascites) - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)  
Chillakuri, C.R., et al. FEBS Lett. 584(15):3287-3291(2010)  
Sa E Cunha, C., et al. PLoS Pathog. 6 (5), E1000911 (2010) :  
Kellouche, S., et al. Tumour Biol. 31(2):129-139(2010)  
Singh, B., et al. Mol. Microbiol. 75(6):1426-1444(2010)