

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

Specification

VTN Antibody(Ascites) - Product Information

Application	WB,E
Primary Accession	P04004
Other Accession	NP_000629.3
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

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

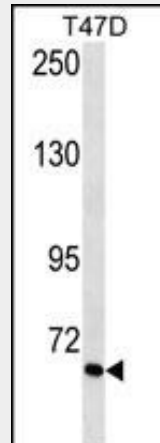
Expressed in the retina pigment epithelium (at protein level) (PubMed:25136834). Expressed in plasma (at protein level) (PubMed:2448300). Expressed in serum (at protein level) (PubMed:29567995).

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)