

For Research Use Only

VTN Monoclonal antibody

Catalog Number: 66398-1-Ig **1 Publications**



Basic Information

Catalog Number: 66398-1-Ig	GenBank Accession Number: BC005046	Purification Method: Protein G purification
Size: 1200 µg/ml	GeneID (NCBI): 7448	CloneNo.: 1D2C8
Source: Mouse	UNIPROT ID: P04004	Recommended Dilutions: WB 1:10000-1:50000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	Full Name: vitronectin	
Immunogen Catalog Number: AG8443	Calculated MW: 478 aa, 54 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : human plasma tissue, pig plasma tissue, rabbit serum tissue IHC : human testis tissue, human liver tissue IF : NIH/3T3 cells,
Cited Applications: IHC	
Species Specificity: human, pig, rabbit, mouse	
Cited Species: pig	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Vitronectin is a glycoprotein present in blood and in the extracellular matrix (PMID: 10399314). Vitronectin is a multifunctional glycoprotein that mediates cell-to-substrate adhesion, inhibits the cytolytic action of the terminal complement cascade in vitro and binds to several serine protease inhibitors of the serpin family (PMID: 1372588).

Notable Publications

Author	Pubmed ID	Journal	Application
Nanna Vestergaard	37175625	Int J Mol Sci	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

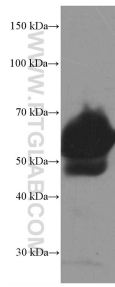
T: 4006900926

E: Proteintech-CN@ptglab.com

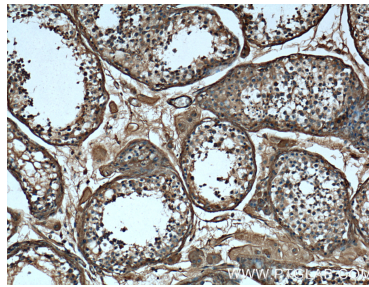
W: ptgcn.com

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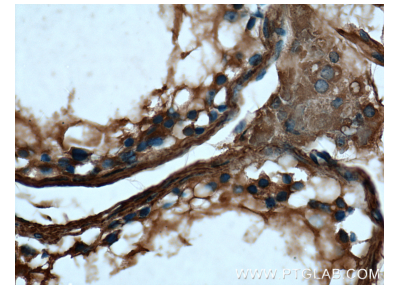
Selected Validation Data



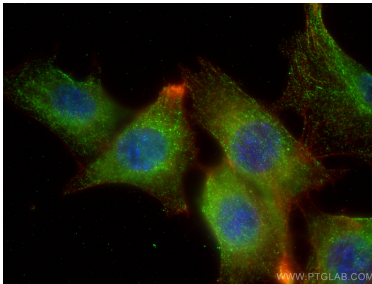
human plasma were subjected to SDS PAGE followed by western blot with 66398-1-Ig (VTN Antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66398-1-Ig (VTN Antibody) at dilution of 1:350 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66398-1-Ig (VTN Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using VTN antibody (66398-1-Ig, Clone: 1D2C8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).