

For Research Use Only

# VTN Monoclonal antibody, PBS Only

Catalog Number: 66398-1-PBS



## Basic Information

### Catalog Number:

66398-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgG1

### Immunogen Catalog Number:

AG8443

### GenBank Accession Number:

BC005046

### GeneID (NCBI):

7448

### UNIPROT ID:

P04004

### Full Name:

vitronectin

### Calculated MW:

478 aa, 54 kDa

### Observed MW:

65 kDa

### Purification Method:

Protein G purification

### CloneNo.:

1D2C8

## Applications

### Tested Applications:

WB, IF, IHC, Indirect ELISA

### Species Specificity:

human, pig, rabbit, mouse

## 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).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

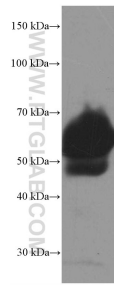
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

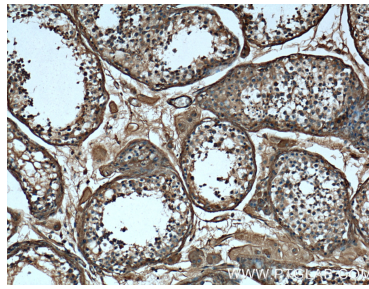
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

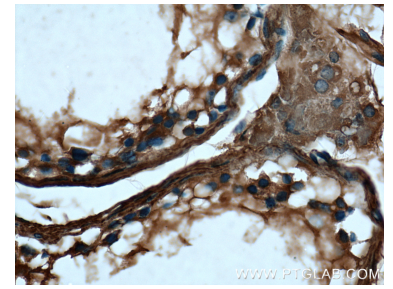
## Selected Validation Data



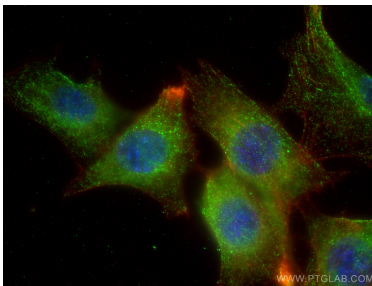
human plasma were subjected to SDS PAGE followed by western blot with 66398-1-Ig (VTN Antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66398-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66398-1-Ig (VTN Antibody) at dilution of 1:350 (under 10x lens). This data was developed using the same antibody clone with 66398-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66398-1-Ig (VTN Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66398-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66398-1-PBS in a different storage buffer formulation.