

VTN Monoclonal antibody

Catalog Number: 66398-1-Ig 1 Publications

Basic Information

Catalog Number:

66398-1-Ig

Size:

1200 µg/ml

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

Recommended Dilutions:

WB 1:10000-1:50000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

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

Positive Controls:

WB : human plasma tissue, pig plasma tissue, rabbit serum tissue

IHC : human testis tissue, human liver tissue

IF/ICC : NIH/3T3 cells,

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:

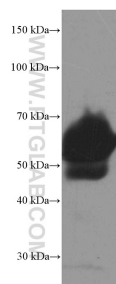
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

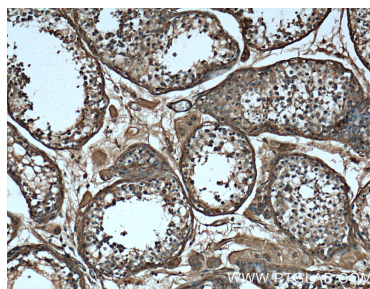
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

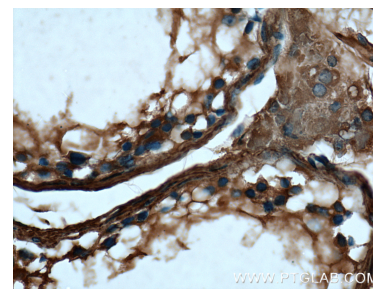
Selected Validation Data



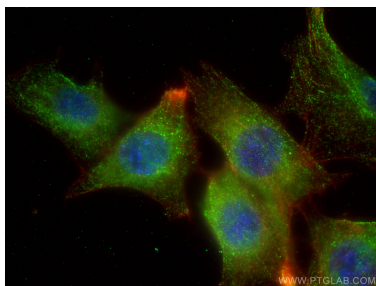
human plasma were subjected to SDS PAGE followed by western blot with 66398-1-Ig (VTN Antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



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).