

For Research Use Only

# Integrin Alpha V Polyclonal antibody

Catalog Number: 27096-1-AP

Featured Product

22 Publications



## Basic Information

### Catalog Number:

27096-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG25825

### GenBank Accession Number:

BC136442

### GeneID (NCBI):

3685

### UNIPROT ID:

P06756

### Full Name:

integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)

### Calculated MW:

1048 aa, 116 kDa

### Observed MW:

130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:2000-1:10000

IHC: 1:200-1:800

IF/ICC: 1:250-1:1000

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

**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: HUVEC cells, A549 cells, MCF-7 cells, human placenta tissue

IHC: mouse kidney tissue, human breast cancer tissue, human liver cancer tissue, human stomach cancer tissue

IF/ICC: A549 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Adrien Presle	33711249	Curr Biol	WB
Emma Plana	32605321	Int J Mol Sci	WB
Can Hu	35166002	Aging Cell	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

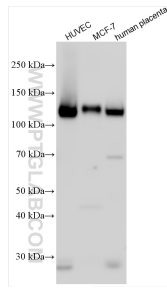
For technical support and original validation data for this product please contact:

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

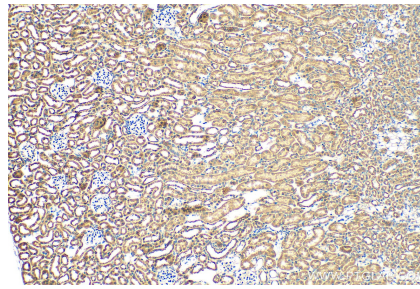
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

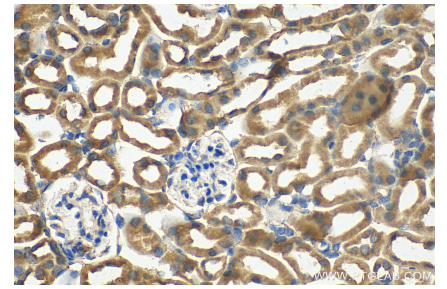
## Selected Validation Data



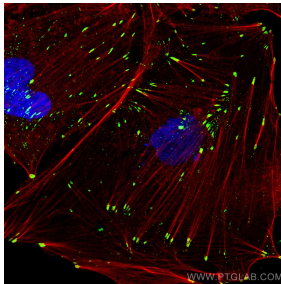
Various lysates were subjected to SDS PAGE followed by western blot with 27096-1-AP (Integrin Alpha V antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27096-1-AP (Integrin Alpha V antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27096-1-AP (Integrin Alpha V antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using Integrin Alpha V antibody (27096-1-AP) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).