

For Research Use Only

# Integrin Alpha V Polyclonal antibody



Catalog Number: 27096-1-AP

Featured Product

8 Publications

## Basic Information

**Catalog Number:**

27096-1-AP

**Size:**

500 µg/ml

**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 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

IHC, WB

**Species Specificity:**

human, mouse

**Cited Species:**

human, rat, mouse

**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:** A549 cells,

**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

### 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

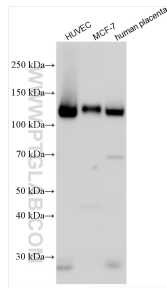
T: 4006900926

E: Proteintech-CN@ptglab.com

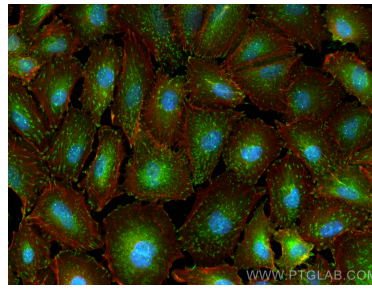
W: ptgcn.com

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

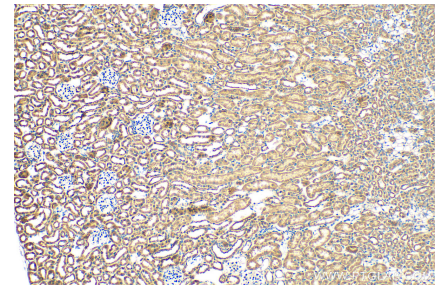
## Selected Validation Data



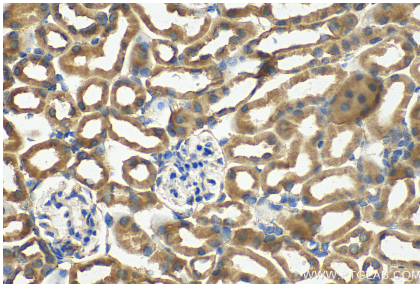
Various lysates were subjected to SDS PAGE followed by western blot with 27096-1-AP (Integrin Alpha V antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using Integrin Alpha V antibody (27096-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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).