

For Research Use Only

# VISTA Polyclonal antibody

Catalog Number: 24849-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 24849-1-AP	<b>GenBank Accession Number:</b> BC020568	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 ug/ml	<b>GeneID (NCBI):</b> 64115	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:400-1:1600 IF-P 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H7M9	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 10 open reading frame 54	
<b>Immunogen Catalog Number:</b> AG20600	<b>Calculated MW:</b> 311 aa, 34 kDa	
	<b>Observed MW:</b> 45-60 kDa	

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### Cited Species:

human

**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 placenta tissue, SH-SY5Y cells, human peripheral blood platelets

IHC : human placenta tissue, human colon cancer tissue, human tonsillitis tissue

IF-P : human placenta tissue, human tonsillitis tissue

## Background Information

VISTA, also known as platelet receptor Gi24, B7-H5, C10orf54, Dies1, PD-1H and SISP1, is a member of the immunoglobulin superfamily. It serves as not only as a positive regulator but also as a substrate of MT1-MMP, and contributes at least in part to tumor invasion.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qi Zhang	36435292	J Nutr Biochem	WB
Yuanyuan Liu	35493077	Front Cell Dev Biol	IF

## 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:

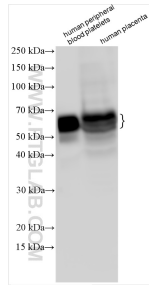
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

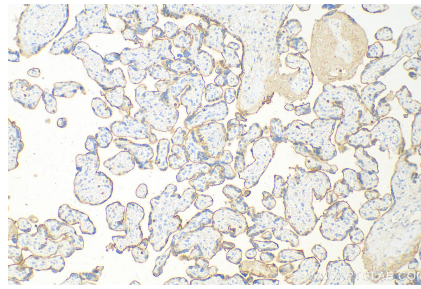
W: [ptgcn.com](http://ptgcn.com)

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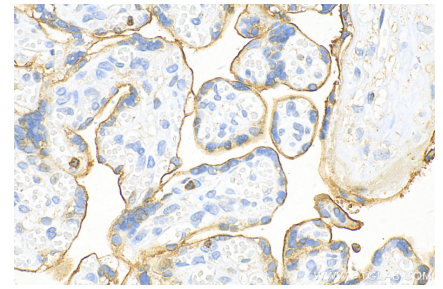
## Selected Validation Data



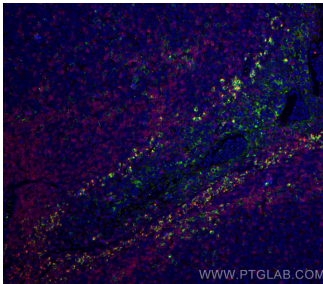
Various lysates were subjected to SDS PAGE followed by western blot with 24849-1-AP (VISTA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



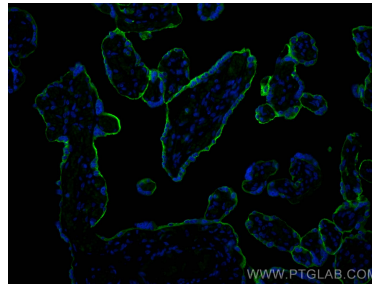
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24849-1-AP (VISTA antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24849-1-AP (VISTA antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 24849-1-AP (VISTA rabbit polyclonal antibody) at dilution of 1:100 and 60181-1-Ig (CD3 mouse monoclonal antibody), further stained with CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) for 24849-1-AP and CoraLite594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) for 60181-1-Ig.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using VISTA antibody (24849-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).