

For Research Use Only

VISTA Polyclonal antibody

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



Basic Information

Catalog Number: 24849-1-AP	GenBank Accession Number: BC020568	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64115	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H7M9	
Isotype: IgG	Full Name: chromosome 10 open reading frame 54	
Immunogen Catalog Number: AG20600	Calculated MW: 311 aa, 34 kDa	
	Observed MW: 45-60 kDa	

Applications

Tested Applications:

WB, IF, IHC, 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

IF : human tonsillitis tissue, human placenta 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

*** 20ul sizes contain 0.1% BSA

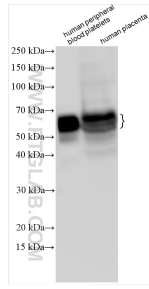
For technical support and original validation data for this product please contact:

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

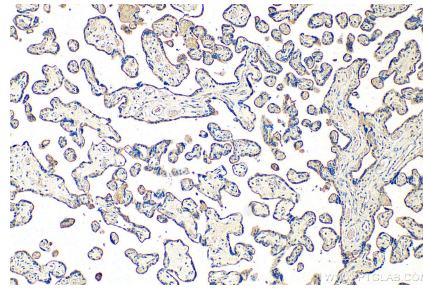
E: proteintech@ptglab.com
W: ptglab.com

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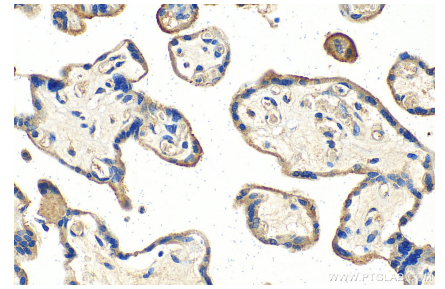
Selected Validation Data



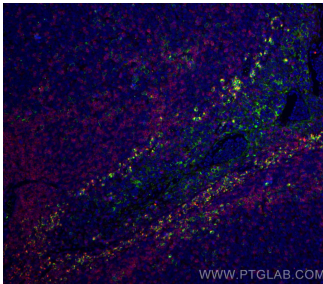
Various lysates were subjected to SDS PAGE followed by western blot with 24849-1-AP (VISTA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



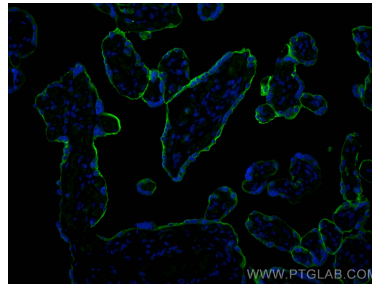
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24849-1-AP (VISTA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24849-1-AP (VISTA antibody) at dilution of 1:200 (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).