

For Research Use Only

VISTA Recombinant antibody, PBS Only

Catalog Number: 83919-4-PBS



Basic Information

Catalog Number: 83919-4-PBS	GenBank Accession Number: BC020568	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 64115	CloneNo.: 241003A4
Source: Rabbit	UNIPROT ID: Q9H7M9	
Isotype: IgG	Full Name: chromosome 10 open reading frame 54	
	Calculated MW: 311 aa, 34 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, ELISA
Species Specificity:
human

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 not only as a positive regulator but also as a substrate of MT1-MMP and contributes at least in part to tumor invasion.

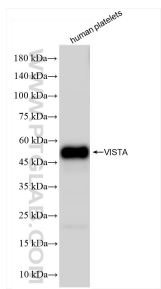
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

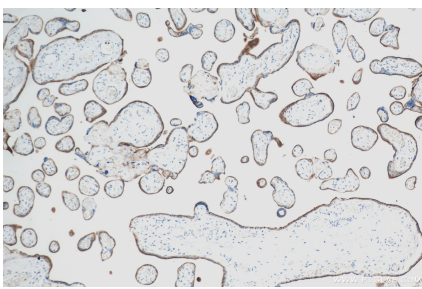
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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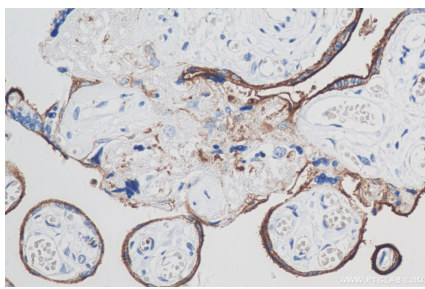
Selected Validation Data



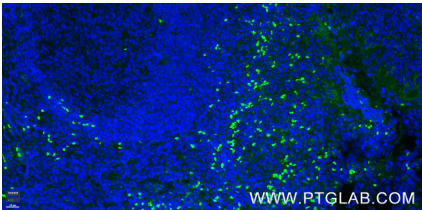
human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 83919-4-RR (VISTA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



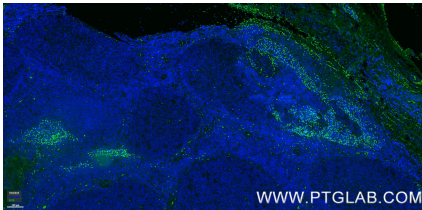
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83919-4-RR (VISTA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



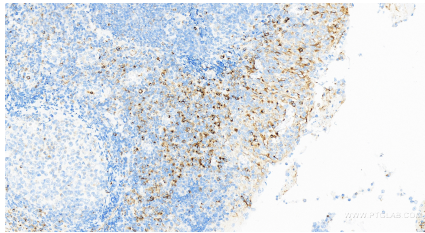
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83919-4-RR (VISTA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



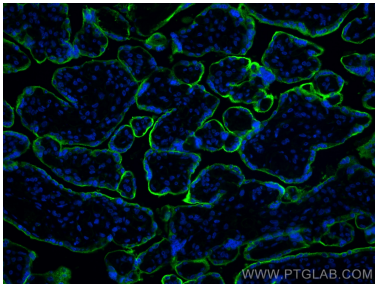
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using VISTA antibody (83919-4-RR, Clone: 241003A4) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



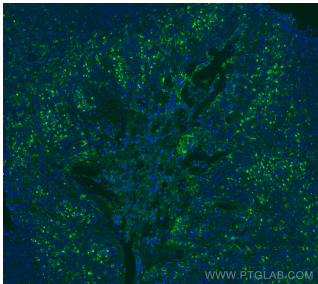
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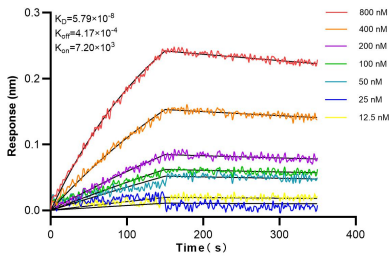
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83919-4-RR (VISTA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using VISTA antibody (83919-4-RR, Clone: 241003A4) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using VISTA antibody (83919-4-RR, Clone: 241003A4) at dilution of 1:500 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 83919-4-RR against Human VISTA were performed. The affinity constant is 57.9 nM.