

For Research Use Only

# VISTA Recombinant antibody, PBS Only

Catalog Number:83919-4-PBS



## Basic Information

Catalog Number:

83919-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC020568

GeneID (NCBI):

64115

UNIPROT ID:

Q9H7M9

Full Name:

chromosome 10 open reading frame

54

Calculated MW:

311 aa, 34 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

241003A4

## 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

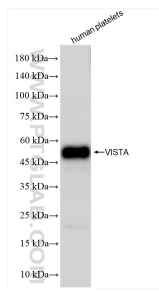
T: 4006900926

E: Proteintech-CN@ptglab.com

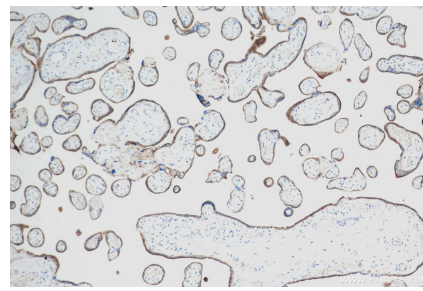
W: ptgcn.com

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

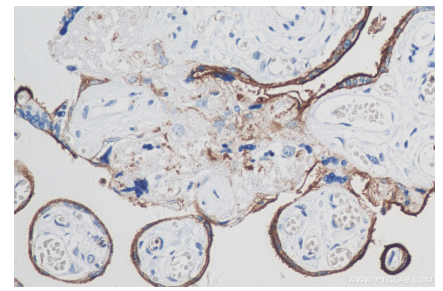
## Selected Validation Data



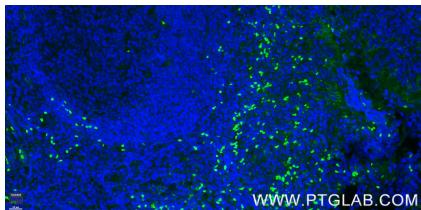
human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 83919-4-RR (VISTA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83919-4-PBS in a different storage buffer formulation.



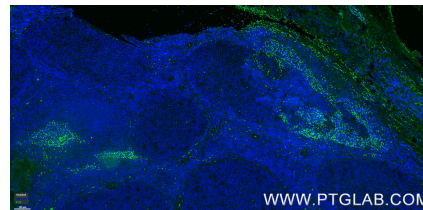
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83919-4-RR (VISTA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different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



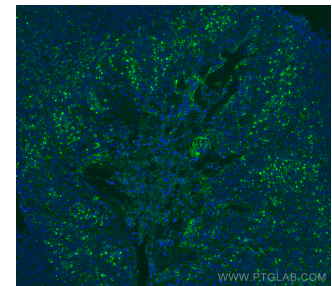
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83919-4-RR (VISTA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83919-4-PBS in a different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



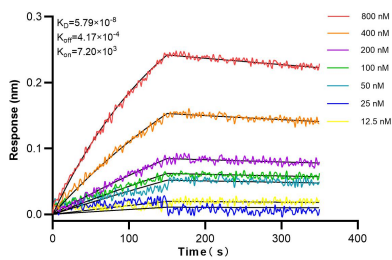
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using VISTA antibody (83919-4-RR, Clone: 241003A4) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA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



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.



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.