

For Research Use Only

VISTA Recombinant antibody, PBS Only (Capture)

Catalog Number: 83919-3-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 83919-3-PBS | GenBank Accession Number: BC020568 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 64115 | CloneNo.: 241003F4 |
| 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, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83919-3-PBS targets VISTA as part of a matched antibody pair:

MP00865-2: 83919-3-PBS capture and 83919-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

VISTA, also known as platelet receptor G_i24, 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

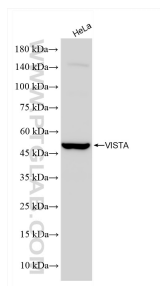
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

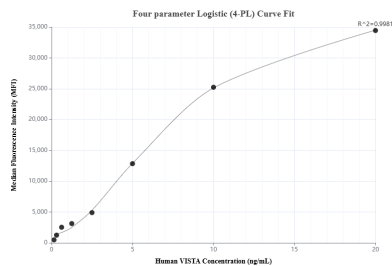
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

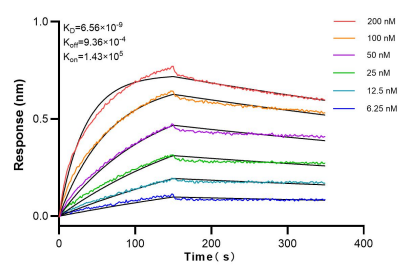
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 83919-3-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 83919-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00865-2, VISTA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83919-3-PBS. Detection antibody: 83919-2-PBS. Standard: Eg0017. Range: 0.156-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83919-3-RR against Human VISTA were performed. The affinity constant is 6.56 nM.