

For Research Use Only



# Integrin alpha-V Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 84883-6-PBS

## Basic Information

|                                                            |                                                                                                |                                                       |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>84883-6-PBS                      | <b>GenBank Accession Number:</b><br>NM_002210.5                                                | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3685                                                                  | <b>CloneNo.:</b><br>253588H7                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>P06756-1                                                                 |                                                       |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG6181                 | <b>Calculated MW:</b><br>116 kDa                                                               |                                                       |

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

84883-6-PBS targets Integrin alpha-V as part of a matched antibody pair.

MP01650-3: 84883-7-PBS capture and 84883-6-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.

## Storage

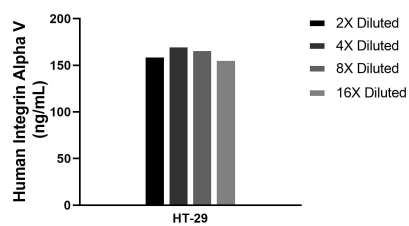
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

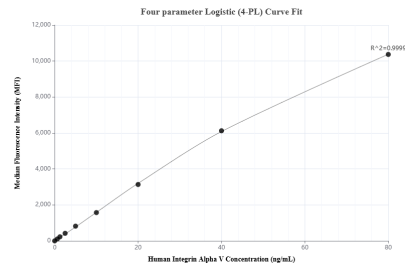
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



The mean Integrin Alpha V concentration was determined to be 163.8 ng/mL in HT-29 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP01650-3, Integrin Alpha V Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84883-7-PBS. Detection antibody: 84883-6-PBS. Standard: Eg6181. Range: 0.625-80 ng/mL.