

For Research Use Only

# ITA4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87459-3-PBS



## Basic Information

Catalog Number:

87459-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10494

GenBank Accession Number:

GeneID (NCBI):

3676

Full Name:

integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)

Purification Method:

Protein A purification

CloneNo.:

252683C12

## Applications

Tested Applications:

Cytometric bead array, Indirect ELISA

Species Specificity:

human

## Product Information

87459-3-PBS targets ITA4 as part of a matched antibody pair:

MP03046-1: 87459-3-PBS capture and 87459-5-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

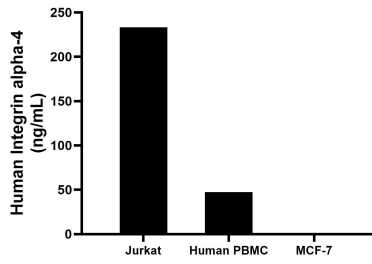
For technical support and original validation data for this product please contact:

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

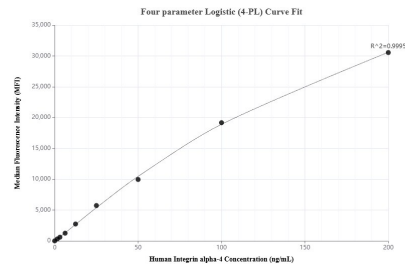
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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-4 concentration was determined to be 233.1 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 47.4 ng/mL in Human PBMC cell extract based on a 0.6 mg/mL extract load, MCF-7 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03046-1, Integrin alpha-4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87459-3-PBS. Detection antibody: 87459-5-PBS. Standard: Eg10494. Range: 1.562-200 ng/mL.