

For Research Use Only

ITA4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87459-6-PBS



Basic Information

Catalog Number: 87459-6-PBS	GenBank Accession Number: 3676	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3676	CloneNo.: 252683F1
Source: Rabbit	Full Name: integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	
Isotype: IgG		
Immunogen Catalog Number: EG10494		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87459-6-PBS targets ITA4 as part of a matched antibody pair:

MP03046-2: 87459-6-PBS capture and 87459-5-PBS detection (validated in Sandwich ELISA)

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

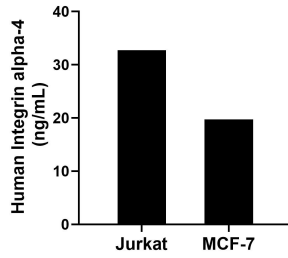
For technical support and original validation data for this product please contact:

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

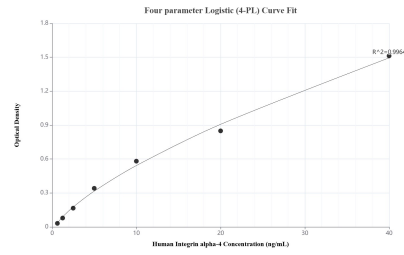
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean Integrin alpha-4 concentration was determined to be 32.70 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load and 19.70 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03046-2, Human Integrin alpha-4 Recombinant Matched Antibody Pair - PBS only. 87459-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10494. 87459-5-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.