

For Research Use Only

Integrin alpha-4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03046-2

Capture Antibody Information

Catalog Number:
87459-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252683F1
Reactivity:
human
Immunogen Catalog Number:
Eg10494

Conjugate:
Unconjugated
Full name:
integrin, alpha 4 (antigen CD49D,
alpha 4 subunit of VLA-4 receptor)
Gene ID:
3676

Detection Antibody Information

Catalog Number:
87459-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252683H2
Reactivity:
human
GenBank:
Immunogen Catalog Number:
Eg10494

Conjugate:
Unconjugated
Full name:
integrin, alpha 4 (antigen CD49D,
alpha 4 subunit of VLA-4 receptor)
Gene ID:
3676

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03046-2 targets Integrin alpha-4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ITA4 Recombinant monoclonal antibody, PBS Only (Capture) 87459-6-PBS (252683F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: ITA4 Recombinant monoclonal antibody, PBS Only (Detector) 87459-5-PBS (252683H2). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

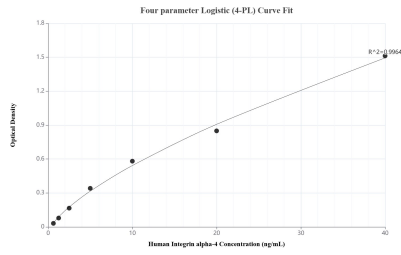
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

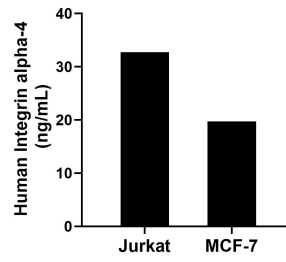
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



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



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.