

Integrin alpha 1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02854-2**

Capture Antibody Information

Catalog Number:

87056-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251984B7

Reactivity:

human

Immunogen Catalog Number:

Eg2089

Conjugate:

Unconjugated

Full name:

integrin, alpha 1

Gene ID:

3672

Detection Antibody Information

Catalog Number:

87056-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251984B10

Reactivity:

human

GenBank:

BC137121

Immunogen Catalog Number:

Eg2089

Conjugate:

Unconjugated

Full name:

integrin, alpha 1

Gene ID:

3672

Applications

Tested Applications:

Sandwich ELISA

Range:

0.313-20 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

MP02854-2 targets Integrin alpha 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Integrin alpha-1 Recombinant monoclonal antibody, PBS Only (Capture) 87056-2-PBS (251984B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Integrin alpha-1 Recombinant monoclonal antibody, PBS Only (Detector) 87056-4-PBS (251984B10). 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

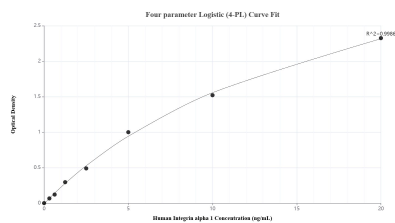
For technical support and original validation data for this product please contact:

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

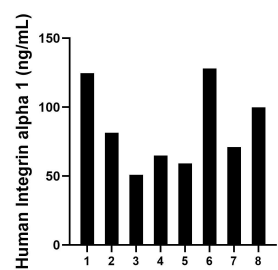
E: proteintech@ptglab.com
W: ptglab.com

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

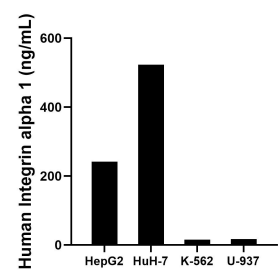
Selected Validation Data



Sandwich ELISA standard curve of MP02854-2, Human Integrin alpha 1 Recombinant Matched Antibody Pair - PBS only. 87056-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2089. 87056-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



Plasma of eight individual healthy human donors was measured. The Integrin alpha 1 concentration of detected samples was determined to be 84.94 ng/mL with a range of 50.93-128.02 ng/mL.



The mean Integrin alpha 1 concentration was determined to be 241.89 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 523.16 ng/mL in HuH-7 cell extract based on a 1.20 mg/mL extract load, 15.42 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load and 17.42 ng/mL in U-937 cell extract based on a 1.20 mg/mL extract load.