For Research Use Only

PFN1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88038-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88038-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2286

GenBank Accession Number:
BC006768

GeneID (NCBI):
5216

UNIPROT ID:
P07737

Full Name:
profilin 1

Calculated MW:
140 aa, 15 kDa

Purification Method:
Protein A purification

CloneNo.:
260024E9

Applications

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

Species Specificity:
human

Product Information

88038-2-PBS targets PFN1 as part of a matched antibody pair:

MP03334-1: 88038-3-PBS capture and 88038-2-PBS detection (validated in Cytometric bead array)

MP03334-2: 88038-4-PBS capture and 88038-2-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.

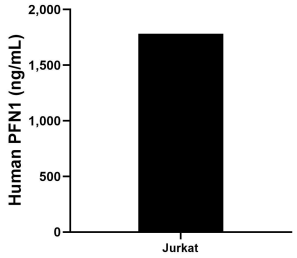
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

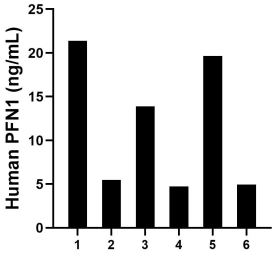
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data

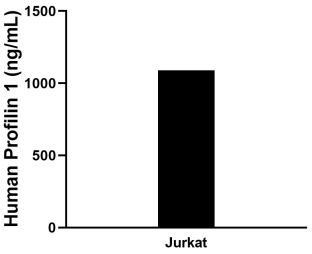


The mean Profilin 1 concentration was determined to be 1,783.14 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.

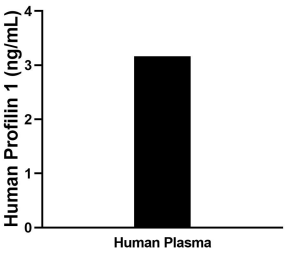


Plasma of six individual healthy human donors was measured. The human Profilin 1 concentration of detected samples was determined to be 11.68 ng/mL with a range of 4.71 - 21.38 ng/mL.

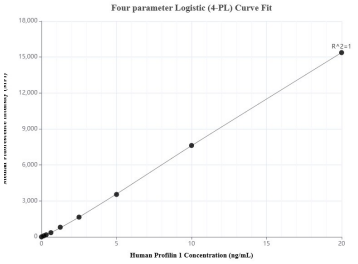
Sandwich ELISA standard curve of MP03334-2, Human Profilin 1 Recombinant Matched Antibody Pair - PBS only. 88038-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2286. 88038-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean Profilin 1 concentration was determined to be 1103.8 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



The mean Profilin 1 concentration was determined to be 3.2 ng/mL in human plasma.



Cytometric bead array standard curve of MP03334-1, Profilin 1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88038-3-PBS. Detection antibody: 88038-2-PBS. Standard: Ag2286. Range: 0.156-20 ng/mL