

Talin-1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00405-4**

Capture Antibody Information

Catalog Number: 82856-19-PBS	Clone ID: 240294A3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: talin 1
Isotype: IgG	GenBank: BC042923	Gene ID: 7094
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5367	

Detection Antibody Information

Catalog Number: 82856-15-PBS	Clone ID: 240294F4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: talin 1
Isotype: IgG	GenBank: BC042923	Gene ID: 7094
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5367	

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.
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Product Information

MP00405-4 targets Talin-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TLN1 Recombinant antibody, PBS Only (Capture) 82856-19-PBS (240294A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: TLN1 Recombinant antibody, PBS Only (Detector) 82856-15-PBS (240294F4). 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.

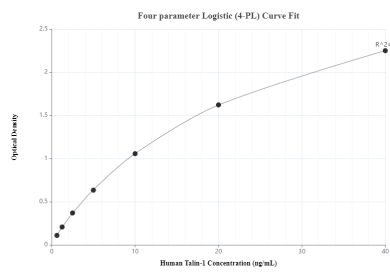
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

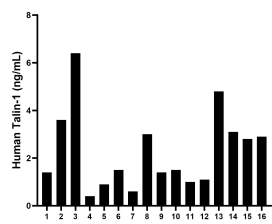
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

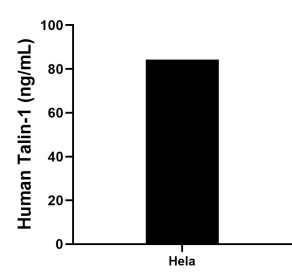
Selected Validation Data



Sandwich ELISA standard curve of MP00405-4, human Talin-1 Recombinant Matched Antibody Pair - PBS only. 82856-19-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5367. 82856-15-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



Serum of sixteen individual healthy human donors was measured. The Talin-1 concentration of detected samples was determined to be 2.3 ng/mL with a range of 0.4 - 6.4 ng/mL



The mean Talin-1 concentration was determined to be 84.3 ng/mL in HeLa cell extract based on a 3.1 mg/mL extract load .