

S100P Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03518-2**

Capture Antibody Information

Catalog Number: 88256-7-PBS	Clone ID: 260786F1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: S100 calcium binding protein P
Isotype: IgG	GenBank: BC006819	Gene ID: 6286
Purification Method: Protein A purification	Immunogen Catalog Number: Ag2379	

Detection Antibody Information

Catalog Number: 88256-1-PBS	Clone ID: 260786G1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: S100 calcium binding protein P
Isotype: IgG	GenBank: BC006819	Gene ID: 6286
Purification Method: Protein A purification	Immunogen Catalog Number: Ag2379	

Applications

Tested Applications: Sandwich ELISA	Range: 0.391-25 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

MP03518-2 targets S100P in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: S100P Recombinant monoclonal antibody, PBS Only (Capture) 88256-7-PBS (260786F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: S100P Recombinant monoclonal antibody, PBS Only (Capture/Detector) 88256-1-PBS (260786G1). 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.

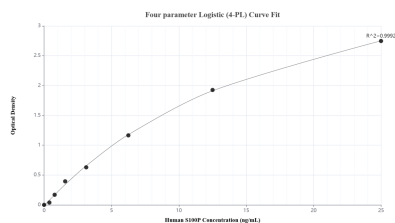
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

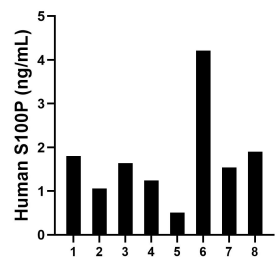
Storage

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

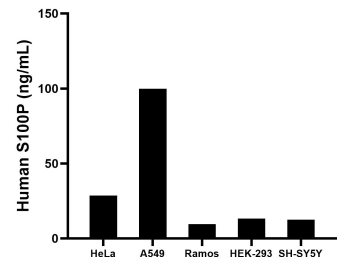
Selected Validation Data



Sandwich ELISA standard curve of MP03518-2, Human S100P Recombinant Matched Antibody Pair - PBS only. 88256-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2379. 88256-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



Serum of eight individual healthy human donors was measured. The S100P concentration of detected samples was determined to be 1.74 ng/mL with a range of 0.51-4.21 ng/mL.



The mean S100P concentration was determined to be 28.55 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 99.89 ng/mL in A549 cell extract based on a 1.20 mg/mL extract load, 9.63 ng/mL in Ramos cell extract based on a 1.20 mg/mL extract load, 13.25 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load and 12.60 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load.