

MMP14 / MT1-MMP Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02214-1**

Capture Antibody Information

Catalog Number: 82118-2-PBS	Clone ID: 250151A12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: matrix metalloproteinase 14 (membrane-inserted)
Isotype: IgG	GenBank: BC064803	Gene ID: 4323
Purification Method: Protein A purification	Immunogen Catalog Number: Ag30772	

Detection Antibody Information

Catalog Number: 82118-3-PBS	Clone ID: 250151H3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: matrix metalloproteinase 14 (membrane-inserted)
Isotype: IgG	GenBank: BC064803	Gene ID: 4323
Purification Method: Protein A purification	Immunogen Catalog Number: Ag30772	

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

MP02214-1 targets MMP14 / MT1-MMP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MMP14 Recombinant antibody, PBS Only (Capture) 82118-2-PBS (250151A12). 100 µg. Concentration 1 mg/mL.

Detection antibody: MMP14 Recombinant antibody, PBS Only (Detector) 82118-3-PBS (250151H3). 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.

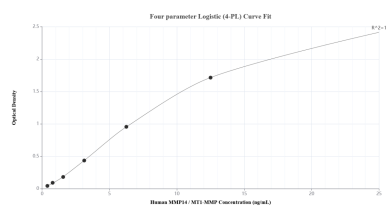
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

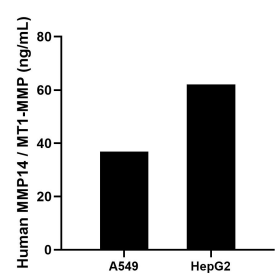
Storage

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 MP02214-1, Human MMP14 / MT1-MMP Recombinant Matched Antibody Pair - PBS only. 82118-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag30772. 82118-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean MMP14 / MT1-MMP concentration was determined to be 36.90 ng/mL in A549 cell extract based on a 1.30 mg/mL extract load and 62.11 ng/mL in HepG2 cell extract based on a 1.80 mg/mL extract load.