

For Research Use Only

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



Catalog Number:MP02214-1

Capture Antibody Information

Catalog Number:
82118-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250151A12
Reactivity:
human
Immunogen Catalog Number:
Ag30772

Conjugate:
Unconjugated
Full name:
matrix metalloproteinase 14
(membrane-inserted)
Gene ID:
4323

Detection Antibody Information

Catalog Number:
82118-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250151H3
Reactivity:
human
GenBank:
BC064803
Immunogen Catalog Number:
Ag30772

Conjugate:
Unconjugated
Full name:
matrix metalloproteinase 14
(membrane-inserted)
Gene ID:
4323

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.

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.

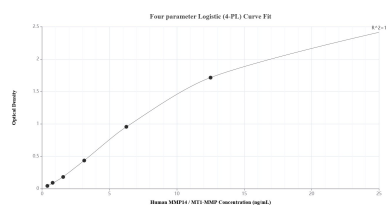
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

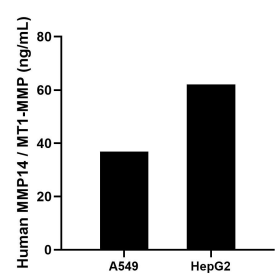
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 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.