For Research Use Only

# Mouse MMP12 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03377-1

proteintech®
Antibodies | ELISA kits | Proteins
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## Capture Antibody Information

Catalog Number:
88215-2-PBS

Clone ID:
260147A3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
matrix metallopeptidase 12

Isotype:
IgG

GenBank:
NM_008605.3

Gene ID:
17381

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3172

## Detection Antibody Information

Catalog Number:
88215-1-PBS

Clone ID:
260147D4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
matrix metallopeptidase 12

Isotype:
IgG

GenBank:
NM_008605.3

Gene ID:
17381

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3172

## Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.469-60 ng/mL (Cytometric Bead Array)
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP03377-1 targets MMP12 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse Mmp12 Recombinant monoclonal antibody, PBS Only (Capture) 88215-2-PBS (260147A3). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse Mmp12 Recombinant monoclonal antibody, PBS Only (Detector) 88215-1-PBS (260147D4). 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.

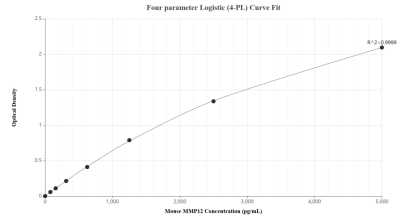
## Storage

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

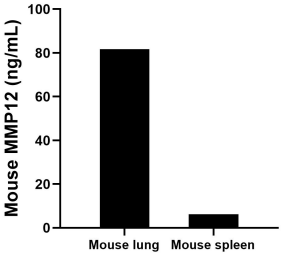
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

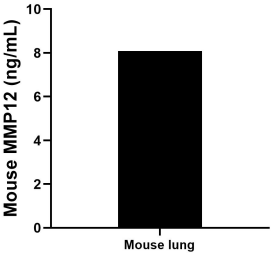
## Selected Validation Data



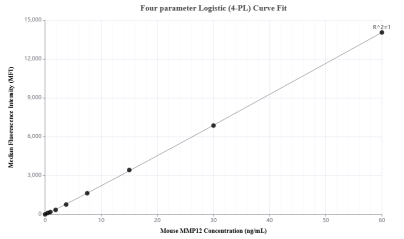

Sandwich ELISA standard curve of MP03377-1, Mouse MMP12 Recombinant Matched Antibody Pair - PBS only. 88215-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3172. 88215-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



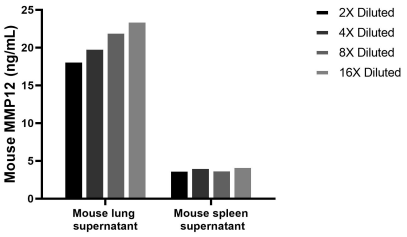

The mean MMP12 concentration was determined to be 81.7 ng/mL in mouse lung supernatant and 6.2 ng/mL in mouse spleen supernatant.




The mean MMP12 concentration was determined to be 8.1 ng/mL in mouse lung tissue extract based on a 5.0 mg/mL extract load.




Cytometric bead array standard curve of MP03377-1, MOUSE MMP12 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88215-2-PBS. Detection antibody: 88215-1-PBS. Standard: Eg3172. Range: 0.469-60 ng/mL.




The mean MMP12 concentration was determined to be 21.0 ng/mL in mouse lung supernatant and 4.1 ng/mL in mouse spleen supernatant.