

Mouse Mmp9 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00776-1

Capture Antibody Information

Catalog Number:
82854-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230069E11
Reactivity:
mouse
GenBank:
NM_013599

Conjugate:
Unconjugated
Full name:
matrix metalloproteinase 9
Gene ID:
17395

Detection Antibody Information

Catalog Number:
82854-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230069C7
Reactivity:
mouse
GenBank:
NM_013599

Conjugate:
Unconjugated
Full name:
matrix metalloproteinase 9
Gene ID:
17395

Applications

Tested Applications:
Sandwich ELISA

Range:
0.16-10 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

MP00776-1 targets Mmp9 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Mmp9 Recombinant antibody, PBS Only (Capture) 82854-7-PBS (230069E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Mmp9 Recombinant antibody, PBS Only (Detector) 82854-6-PBS (230069C7). 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.

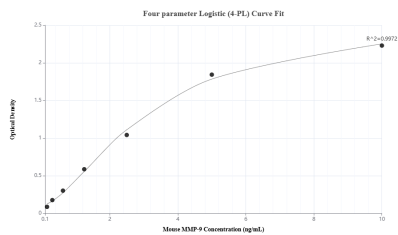
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

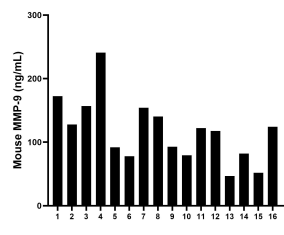
Storage

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

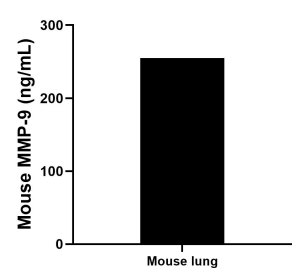
Selected Validation Data



Sandwich ELISA standard curve of MP00776-1, Mouse MMP-9 Recombinant Matched Antibody Pair - PBS only. 82854-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0452. 82854-6-PBS was HRP conjugated as the detection antibody. Range: 0.16-10 ng/mL.



Serum of eight mice was measured. The Mouse MMP-9 concentration of detected samples was determined to be 117.52 ng/mL with a range of 46.86 - 240.93 ng/mL.



Mouse lung tissue (3 lungs in 1-2 mm pieces in 100 mL of medium) was cultured for 6 days in RPMI supplemented with 10% fetal bovine serum, 50 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse Total MMP-9, and measured 255.0 ng/mL.