

For Research Use Only

# Mouse Mmp9 Recombinant antibody, PBS Only (Detector)



Catalog Number: 82854-6-PBS

## Basic Information

Catalog Number:

82854-6-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_013599

GeneID (NCBI):

17395

UNIPROT ID:

P41245-1

Full Name:

matrix metalloproteinase 9

Calculated MW:

81kd

Purification Method:

Protein A purification

CloneNo.:

230069C7

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

## Background Information

### 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:

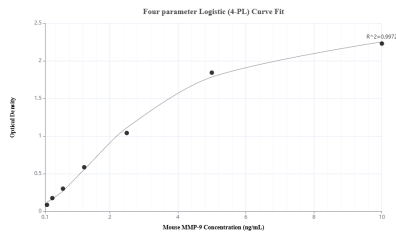
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

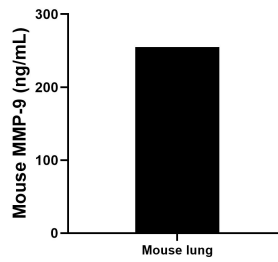
W: [ptgcn.com](http://ptgcn.com)

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

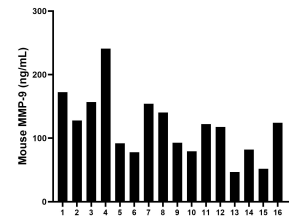
## Selected Validation Data



Sandwich ELISA standard curve of 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.



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  $\mu$  M  $\beta$ -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$  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.



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.