

For Research Use Only

# Rat Mmp9 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68695-1-PBS



## Basic Information

Catalog Number:

68695-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

EG0439

GenBank Accession Number:

NM\_031055.2

GeneID (NCBI):

81687

Full Name:

matrix metalloproteinase 9

Calculated MW:

79kd

Purification Method:

Protein G purification

CloneNo.:

1B1C2

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

rat

## 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, pH7.3

For technical support and original validation data for this product please contact:

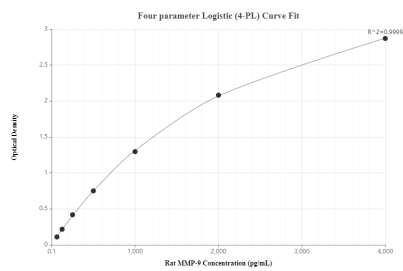
T: 4006900926

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

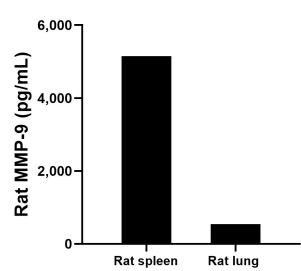
W: [ptgcn.com](http://ptgcn.com)

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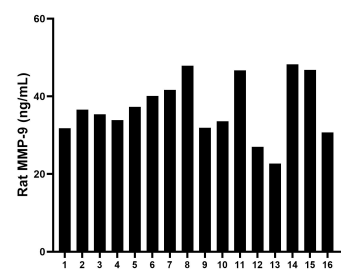
## Selected Validation Data



Sandwich ELISA standard curve of MP50079-1, Rat Mmp9 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68695-1-PBS. Detection antibody: 68695-3-PBS. Standard: Eg0439. Range: 62.5-4000 pg/mL.



Rat spleen and lung tissues from one adult rat (chopped in 1-2 mm pieces in 30 mL of medium) were cultured in RPMI supplemented with 10% fetal bovine serum and 50  $\mu$  M  $\beta$ -mercaptoethanol. Aliquots of the cell culture supernates were removed, assayed for levels of rat MMP-9, and measured 5,145.7 pg/mL and 540.2 pg/mL, respectively.



Serum of sixteen rats was measured. The MMP-9 concentration of detected samples was determined to be 37.0 ng/mL with a range of 22.7-48.2 ng/mL.