

For Research Use Only

# Rat Mmp9 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68695-3-PBS



## Basic Information

<b>Catalog Number:</b> 68695-3-PBS	<b>GenBank Accession Number:</b> NM_031055.2	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81687	<b>CloneNo.:</b> 2C6B6
<b>Source:</b> Mouse	<b>Full Name:</b> matrix metalloproteinase 9	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 79kd	
<b>Immunogen Catalog Number:</b> EG0439		

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
rat

## Product Information

68695-3-PBS targets Mmp9 as part of a matched antibody pair:

MP50079-1: 68695-1-PBS capture and 68695-3-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

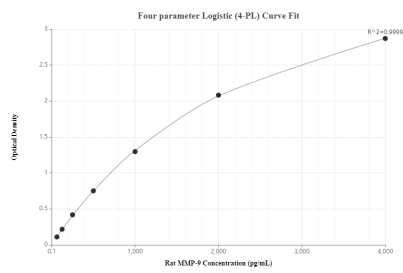
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

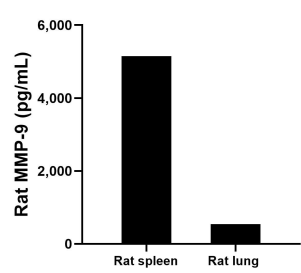
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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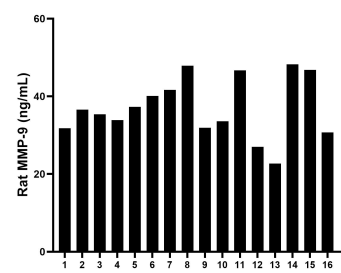
## Selected Validation Data



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 µM β-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.