

For Research Use Only

# Mmp9 Recombinant antibody

Catalog Number: 83768-3-RR



## Basic Information

Catalog Number:

83768-3-RR

Size:

100ul , Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_031055.2

GeneID (NCBI):

81687

UNIPROT ID:

P50282

Full Name:

matrix metalloproteinase 9

Calculated MW:

79kd

Observed MW:

92 kDa

Purification Method:

Protein A purification

CloneNo.:

240895G9

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse lung tissue, mouse spleen tissue, rat lung tissue, rat spleen tissue

## Background Information

Mmp9 (Matrix metalloproteinase-9) belongs to matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. The immunogen sequence of this antibody is of rat origin.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

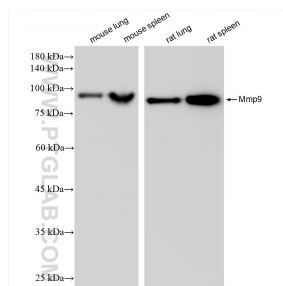
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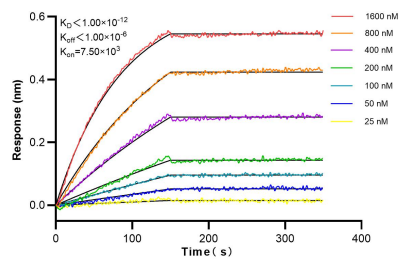
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83768-3-RR (Mmp9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83768-3-RR against Rat Mmp9 were performed. The affinity constant is below 1 pM.