

# MMP9 Rabbit pAb

Catalog No.: A24220 **2 Publications**

## Basic Information

### Observed MW

100kDa

### Calculated MW

80kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme that degrades collagens of type IV, V and XI, and elastin. Mice lacking the encoded protein exhibit an abnormal pattern of skeletal growth plate vascularization and ossification, reduced keratinocyte hyperproliferation at all neoplastic stages, a decreased incidence of invasive tumors, and resistance to experimental autoimmune encephalomyelitis.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

17395

### Swiss Prot

P41245

### Immunogen

Recombinant Protein corresponding to a sequence within amino acids 108-730 of mouse MMP9(NP\_038627.1).

### Synonyms

Clg4b; Gel B; MMP-9; B/MMP9; pro-MMP-9; Pro-MMP9

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

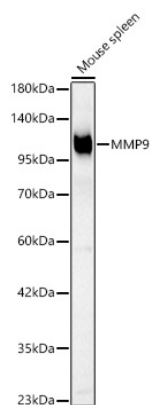
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Mouse spleen using MMP9 Rabbit pAb(A24220) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.