

# Rabbit anti-Mouse MMP-9 mAb

**Catalog No.:** RMK0463

## Basic Information

**Catalog No.**  
RMK0463

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
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**Storage**  
Store at -20°C  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

## Contact

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## 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.

## Immunogen Information

**Immunogen**  
Recombinant mouse MMP-9 protein

## Cross-Reactivity

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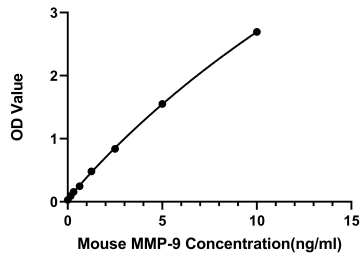
## Assay Applications

Mouse MMP-9 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 µg/mL	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0462)
	Detection	0.0125-0.05 µg/mL	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0463)
	Standard	0.16-10 ng/mL	Recombinant Mouse MMP-9 Protein (Cat. No. RP01224)

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.