# 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**

#### Storage

Store at -20°C

Avoid repeated freeze-thaw cycles.

# **Formulation**

Supplied as a 0.2  $\mu$ m 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

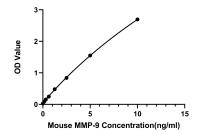
# **Cross-Reactivity**

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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)



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