Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse MMP-9 mAb

Catalog No.: RMK0463

Basic Information

Catalog No.
RMK0463

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

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

Mouse

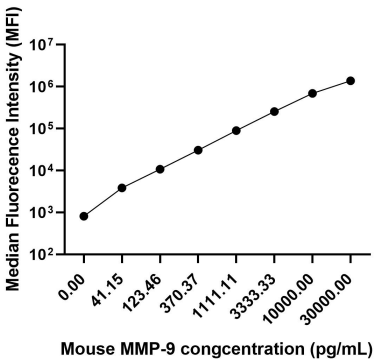
Assay Applications

Mouse MMP-9 Sandwich Immunoassay

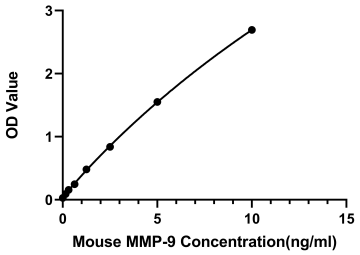
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0462)
	Detection	0.0125-0.05 μg/mL	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0463)
	Standard	0.16-10 ng/mL	Recombinant Mouse MMP-9 Protein (Cat. No. RP01224)

Multiplex	Capture	1-4 μg/mL	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0462)
	Detection	0.125-0.5 μg/ml	Rabbit anti-Mouse MMP-9 mAb (Cat. No. RMK0463)
	Standard	41.15-30000 pg/mL	Recombinant Mouse MMP-9 Protein (Cat. No. RP01224)

Validation Data



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



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