Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human MMP-7 mAb

Catalog No.: RMK0087

Basic Information

Catalog No.
RMK0087

Catagory
Elisa Antibody Kit

Application
ELISA,CLIA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

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 7.4

Contact

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Background

This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal hemopexin domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes on chromosome 11. This gene exhibits elevated expression levels in multiple human cancers.

Immunogen Information

Immunogen
Recombinant human MMP-7 Protein

Cross-Reactivity

Assay Applications

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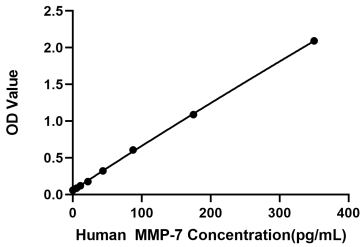
Human MMP-7 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/ml	Rabbit anti-Human MMP-7 mAb (Cat. No. RMK0087)
Detection	0.1-0.4 μg/ml	Rabbit anti-Human MMP-7 mAb (Cat. No. RMK0088)	
Standard	5.47-350 pg/mL	Recombinant Human MMP-7 Protein	

CLIA	Capture	0.5-2 μg/ml	Rabbit anti-Human MMP-7 mAb (Cat. No. RMK0088)
Detection	0.25-1 μg/ml	Rabbit anti-Human MMP-7 mAb (Cat. No. RMK0087)	
Standard	0.49-500 ng/mL	Recombinant Human MMP-7 Protein (Cat. No. RP01928)	

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Validation Data



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