Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human MMP-9 mAb (CAP)

Catalog No.: RM17955

Basic Information

Catalog No.
RM17955

Catagory
Elisa Antibody Kit

Application
ELISA

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

Proteins of the matrix metalloproteinase (MMP) 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.

Immunogen Information

Immunogen
Recombinant human MMP-9 Protein

Cross-Reactivity

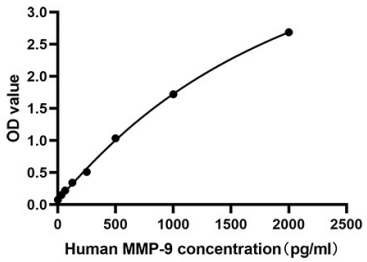
No cross-reactivity in ELISA assay with recombinant
Human NGAL/Lipocalin-2, Human MMP-2, Human MMP-3, Human MMP-4

Assay Applications

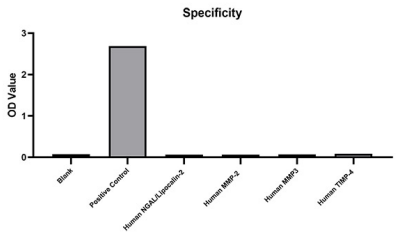
Human MMP-9 Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 μg/mL	Rabbit anti-Human MMP-9 mAb (Cat. No. RM17955)
ELISA Detection	0.12-0.5 μg/mL	Rabbit anti-Human MMP-9 mAb (Cat. No. RM17956)
Standard	31.25-2000 pg/mL	Recombinant Human MMP-9 Protein

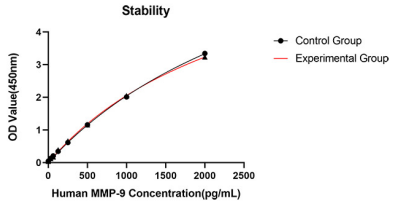
Validation Data



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



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.



No significant cross-reactivity or interference was observed.