Rabbit anti-Human MMP-9 mAb (DET)

ABclonal Technology®
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Catalog No.: RM17956

Basic Information

Catalog No.
RM17956

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2℃-8℃ for one monthwithout detectable loss of activity. Antibody products are stable for twelve months fromdate of receipt when stored at -20℃ to -80℃. Preservative：0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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Background

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration (PubMed:2551898, PubMed:1480034, PubMed:12879005).Could play a role in bone osteoclastic resorption (By similarity).Cleaves KiSS1 at a Gly-|-Leu bond (PubMed:12879005).Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed:32883094).Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments (PubMed:1480034).Degrades fibronectin but not laminin or Pz-peptide

Immunogen Information

Immunogen
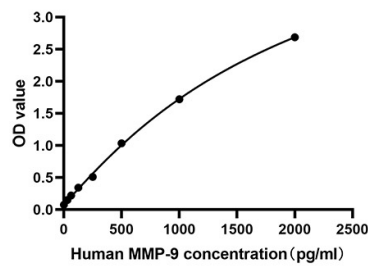Recombinant Human MMP-9

Cross-Reactivity

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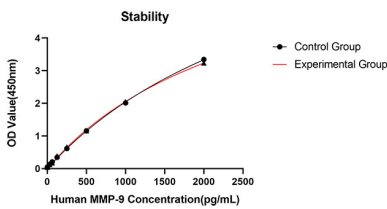Human NGAL/Lipocalin-2 ，Human MMP-2 ，Human MMP-3，Human MMP-4

Assay Applications

Human MMP-9 Sandwich ELISA Immunoassay

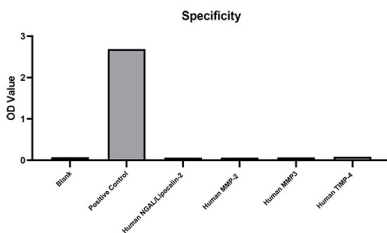|	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human MMP-9 (CAP)(Cat. No.RM17955)
ELISA Detection	0.12-0.5ug/mL	Rabbit anti-Human MMP-9 (DET)(Cat. No.RM17956)
Standard	31.25-2000pg/mL	RecombinantHuman MMP-9

Validation Data

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

No significant cross-reactivity or interference was observed.

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