ABclonal™

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Rabbit anti-Human MMP3 mAb (CAP)

Catalog No.: RM17819

Basic Information

Catalog No.
RM17819

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

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

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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

Immunogen Information

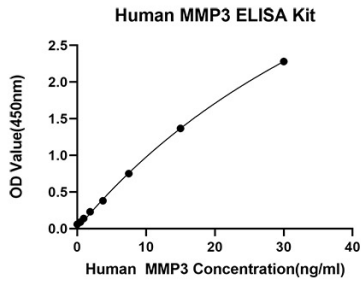**Immunogen**
Recombinant Human MMP3

Cross-Reactivity

No cross-reactivity in ELISA assay withrecombinant
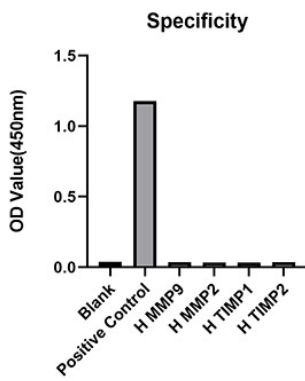Human MMP9☐Human MMP2☐Human TIMP1☐Human TIMP2

Assay Applications

Human MMP3 Sandwich ELISA Immunoassay

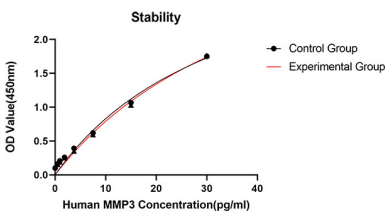|	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human MMP3(CAP)(Cat. No.RM17819)
ELISA Detection	0.02-0.08ug/mL	Rabbit anti-Human MMP3(DET)(Cat. No.RM17820)
Standard	0.467-30ng/mL	Recombinant Human MMP3 Protein(Cat. No.RP00220)

Validation Data

Human MMP3 ELISA Kit

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

Specificity

Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.

Stability

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