Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human MMP3 mAb (DET)

Catalog No.: RM17820

Basic Information

Catalog No.
RM17820

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 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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www.abclonal.com

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

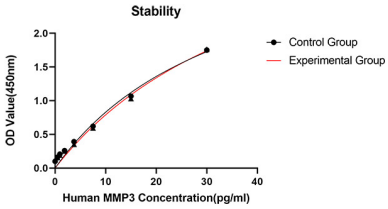
No cross-reactivity in ELISA assay withrecombinant
Human MMP9、Human MMP2、Human TIMP1、Human TIMP2

Assay Applications

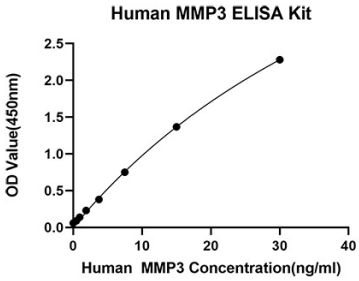
Human MMP3 Sandwich ELISA Immunoassay

	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)

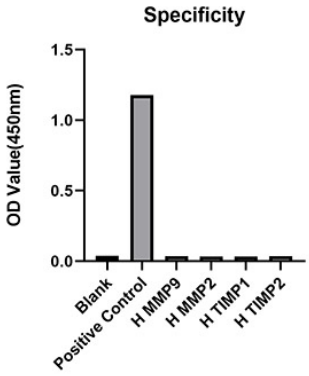
Validation Data



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



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



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