

MMP-8 Monoclonal Antibody(Detector)

catalog number: AN002090P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

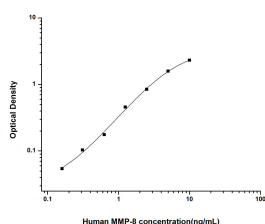
Reactivity	Human
Immunogen	Recombinant Human MMP-8 protein expressed by Mammalian
Host	Rat
Isotype	Rat IgG1
Clone	5D12
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Detector	0.1-0.4 µg/mL
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Data



Sandwich ELISA-Recombinant Human MMP-8 protein standard curve. Background subtracted standard curve using MMP-8 antibody(AN002080P)(Capture), MMP-8 antibody(AN002090P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human MMP-8 protein is 0.16-10 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

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