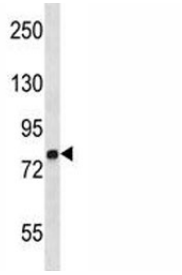
MMP9 Antibody (F44890)

Catalog No.	Formulation	Size
F44890-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44890-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P14780
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 1:1000
Limitations	This MMP9 antibody is available for research use only.



MMP9 antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight: 92/67-80 kDa (precursor/mature forms).

Description

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. [provided by RefSeq].

Application Notes

Titration of the MMP9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 549-578 from the human protein was used as the immunogen for this MMP9 antibody.

Storage

Aliquot the MMP9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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