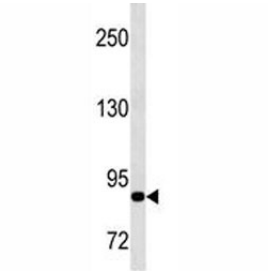
MMP9 Antibody [clone 331CT17.4.4] (F40319)

Catalog No.	Formulation	Size
F40319-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40319-0.08ML	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	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	331CT17.4.4
Purity	Purified
UniProt	P14780
Localization	Cytoplasmic, nuclear, secreted
Applications	Western blot: 1:100-1:250
Limitations	This MMP9 antibody is available for research use only.



MMP9 antibody western blot analysis in CEM 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 purified His-tagged recombinant protein fragment was used to produced this monoclonal MMP9 antibody.

Storage

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

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