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10-6571: Mouse Monoclonal Antibody to MMP9 (Clone: 331CT17.4.4)(Discontinued)

Clonality :	Monoclonal
Clone Name :	331CT17.4.4
Application :	WB
Reactivity :	Human
Gene :	MMP9
Gene ID :	4318
Uniprot ID :	P14780
Format :	Purified
Alternative Name :	Matrix metalloproteinase-9, MMP-9, 92 kDa gelatinase, 92 kDa type IV collagenase, Gelatinase B, GELB, 67 kDa matrix metalloproteinase-9, 82 kDa matrix metalloproteinase-9, MMP9, CLG4B
Isotype :	Mouse IgM
Immunogen Information :	Recombinant Protein

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].

Product Info

Amount :	80 µl / 400 µl
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~1000

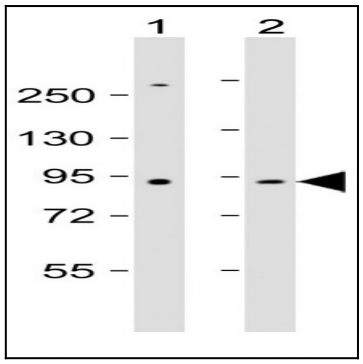


Figure 1: All lanes : Anti-MMP9 Antibody (10-6571) at 1:1000 dilution with Lane 1: HL-60 whole cell lysate and Lane 2: U937 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa.

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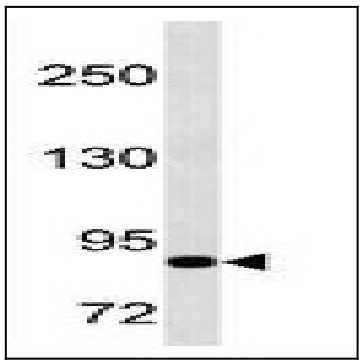


Figure 2: Western blot analysis of MMP9 Antibody (10-6571) in CEM cell line lysates (35Î¼g/lane). This demonstrates the MMP9 antibody detected the MMP9 protein.

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