

Product Name: MMP9 Mouse Monoclonal Antibody**Catalog #: AMM86107**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgM
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	78.5kDa

Antigen Information

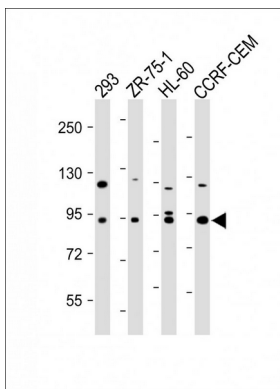
Gene Name	MMP9
Alternative Names	Matrix metalloproteinase-9, MMP-9, 92 kDa gelatinase, 92 kDa type IV collagenase, Gelatinase B, GELB, 67 kDa matrix metalloproteinase-9, 82 kDa matrix metalloproteinase-9, MMP9, CLG4B
Gene ID	4318.0
SwissProt ID	P14780
Immunogen	Purified His-tagged MMP9 protein(Fragment) was used to produced this monoclonal antibody.

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. 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].

Research Area

Image Data



All lanes : Anti-MMP9 Antibody at 1:500-1:2000 dilution