

Basic Information

Product Name	Anti-MMP9 Antibody (Clone#BCD-13)	
Gene Name	MMP9	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, rat	
Tested Application	WB, IHC, ICC/IF, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human MMP9	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	78 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	Flow Cytometry (FCM):	1:50

Storage

12 months from date of receipt, -20°C as supplied.

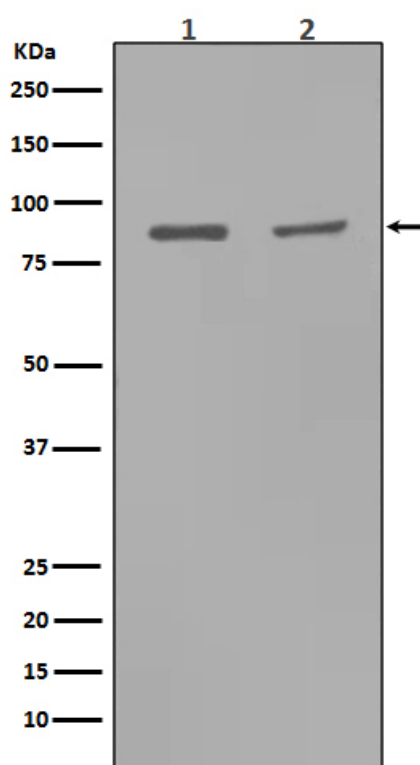
Background Information

Matrix metalloproteinase 9 (MMP-9), also known as 92 kDa type IV collagenase, 92 kDa gelatinase or gelatinase B (GELB), is an enzyme that in humans is encoded by the MMP9 gene. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes. Most MMPs 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.

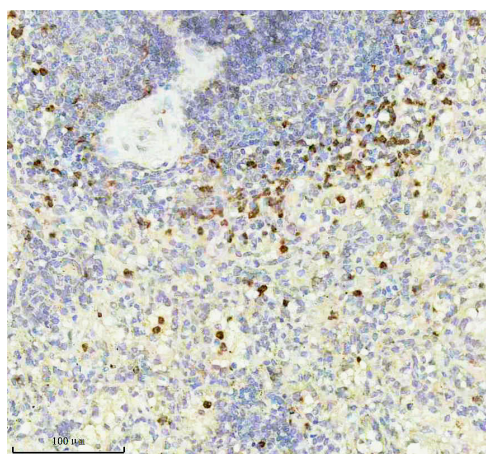
Reference

Anti-MMP9 Antibody (Clone#BCD-13)被引用在22文献中。

Selected Validation Data



Western blot analysis of MMP9 expression in (1)Rat kidney tissue lysate;(2)Rat lung tissue lysate.



IHC analysis of MMP9 using anti-MMP9 antibody (BM4089). MMP9 was detected in a paraffin-embedded section of human spleen tissue. The tissue section was incubated with rabbit anti-MMP9 Antibody (BM4089) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.

Product datasheet

Anti-MMP9 Antibody (Clone#BCD-13)

Catalog Number: **BM4089**

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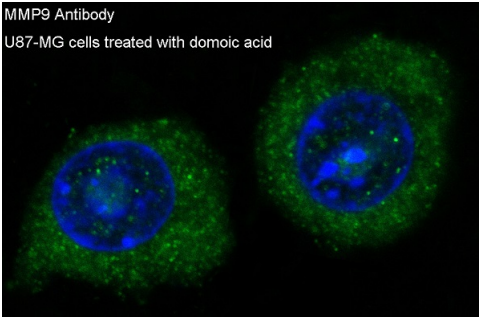
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

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MMP9 Antibody
U87-MG cells treated with domoic acid



Immunofluorescent analysis of U87-MG cells, using MMP9 Antibody.