

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.

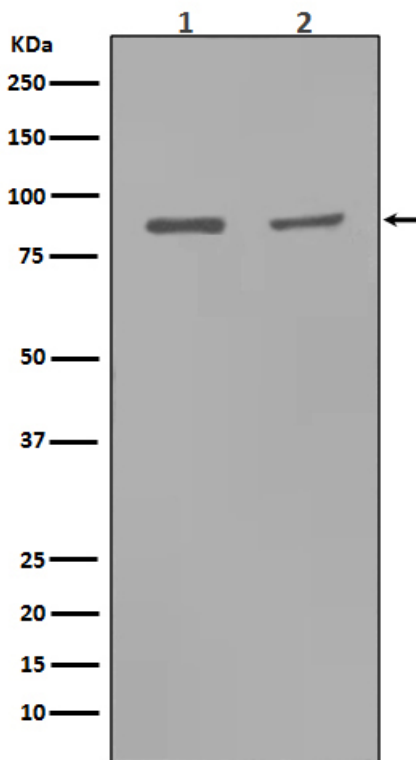
Background Information

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.

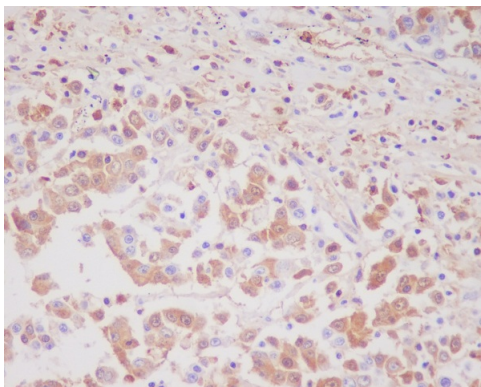
Reference

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.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using MMP9 Antibody.

Product datasheet

Anti-MMP9 Antibody (Clone#BCD-13)

Catalog Number: BM4089



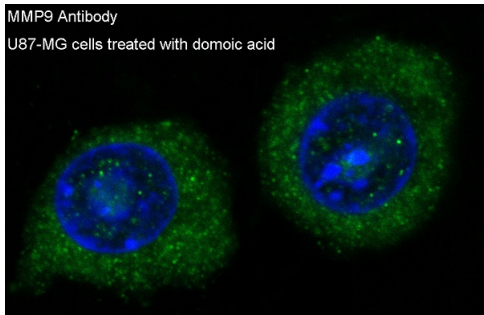
antibody and ELISA experts

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MMP9 Antibody
U87-MG cells treated with domoic acid



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