

Datasheet for ABIN1533355
anti-MMP 9 antibody (AA 651-700)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	MMP 9 (MMP9)
Binding Specificity:	AA 651-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MMP-9.
Isotype:	IgG
Specificity:	MMP-9 Antibody detects endogenous levels of total MMP-9 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MMP 9 (MMP9)
Alternative Name:	MMP-9 (MMP9 Products)
Background:	Synonyms: 92 kDa gelatinase, 92 kDa type IV collagenase precursor, CLG4B, GELB, Gelatinase B, MM09

Target Details

	NCBI Gene Symbol: MMP9
Molecular Weight:	78 kDa
Gene ID:	4318
OMIM:	120361
UniProt:	P14780
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events

Application Details

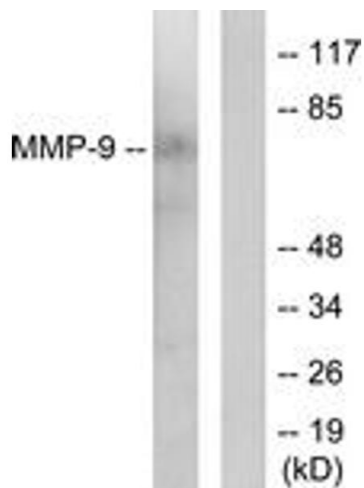
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.297413 (NCBI Gene Symbol: MMP9)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

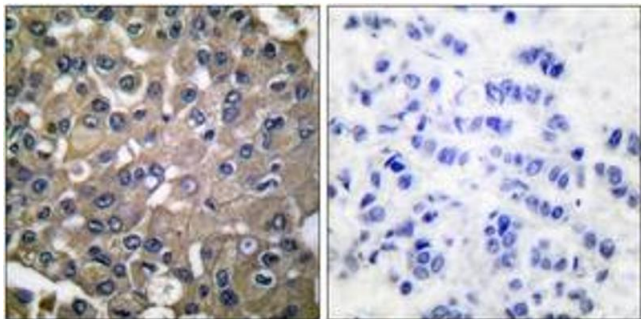
Publications

Product cited in:	Matsumoto, Niimi, Kohyama: "Characterization of fibrosis-promoting factors and siRNA-mediated therapies in C-protein-induced experimental autoimmune myocarditis." in: Cellular immunology , Vol. 279, Issue 1, pp. 70-7, (2012) (PubMed).
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Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using MMP-9 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MMP-9 Antibody. The picture on the right is treated with the synthesized peptide.