

Datasheet for ABIN7425935
anti-MMP 9 antibody (AA 213-399)



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4 Images

Overview

Quantity:	100 µL
Target:	MMP 9 (MMP9)
Binding Specificity:	AA 213-399
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MMP 9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Matrix Metalloproteinase 9 (MMP9)
Immunogen:	Recombinant Matrix Metalloproteinase 9 (MMP9) corresponding to Gly213~Ala399 with N-terminal His Tag
Clone:	16#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MMP9. It has been selected for its ability to recognize MMP9 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

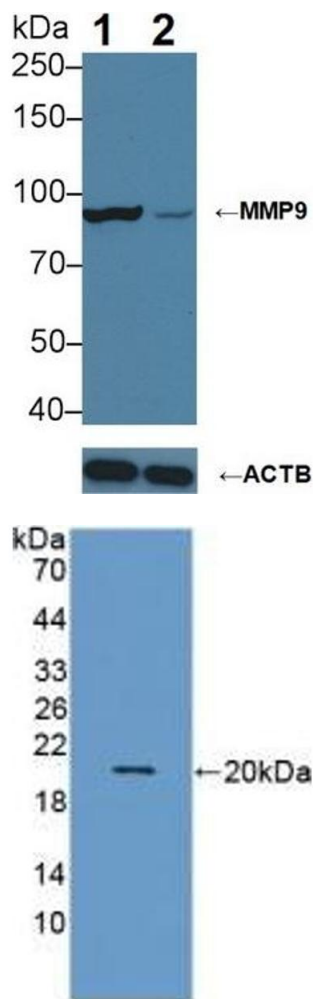
Target:	MMP 9 (MMP9)
Alternative Name:	MMP9
Background:	GELB, Gelatinase B, CLG4B, CLG4-B, 92 KDa Gelatinase, 92 kDa Type IV Collagenase
UniProt:	P14780
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

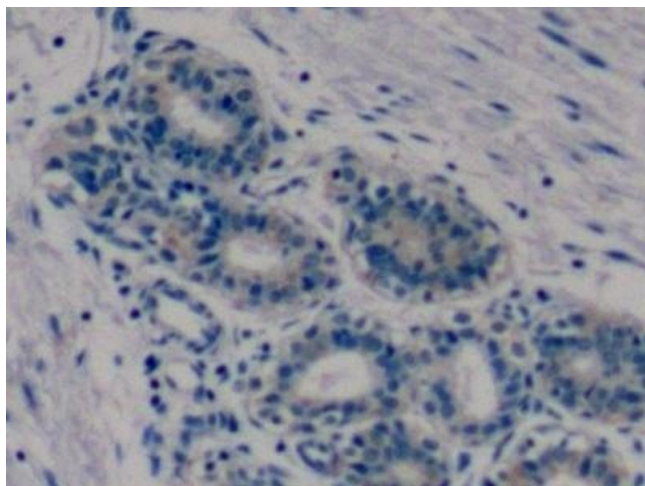


Western Blotting

Image 1. Knockout Varification: Lane 1: Wild-type HepG2 cell lysate, Lane 2: MMP9 knockout HepG2 cell lysate, Predicted MW: 76 kDa Observed MW: 90 kDa Primary Ab: 3 µg/mL Mouse Anti-Human MMP9 Antibody Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

Western Blotting

Image 2. Detection of Recombinant MMP9, Human using Monoclonal Antibody to Matrix Metalloproteinase 9 (MMP9)



Immunohistochemistry

Image 3. Detection of MMP9 in Human Breast cancer Tissue using Monoclonal Antibody to Matrix Metalloproteinase 9 (MMP9)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425935.