

Datasheet for ABIN3031728  
**anti-MMP 9 antibody (AA 644-673)**

## 6 Images

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## Overview

Quantity:	0.4 mL
Target:	MMP 9 (MMP9)
Binding Specificity:	AA 644-673
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A portion of amino acids 644-673 from the human protein was used as the immunogen for this MMP9 antibody.
Isotype:	Ig Fraction
Purification:	Purified

## Target Details

Target:	MMP 9 (MMP9)
Alternative Name:	MMP9 ( <a href="#">MMP9 Products</a> )
Background:	MMP9 may play an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly-I-Leu bond. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter

## Target Details

N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide. [UniProt]

UniProt: [P14780](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events](#)

## Application Details

Application Notes: Titration of the MMP9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

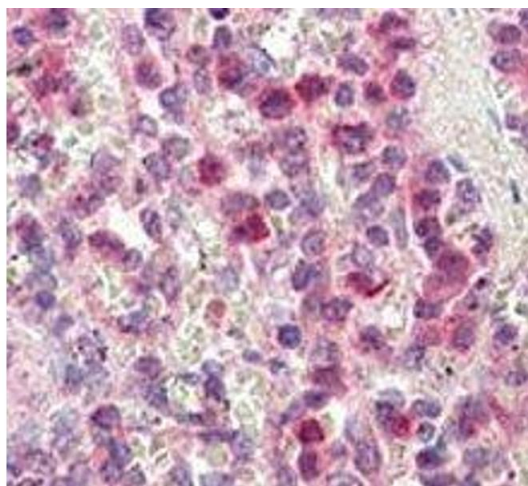
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

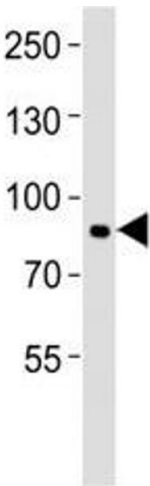
Storage Comment: Aliquot the MMP9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



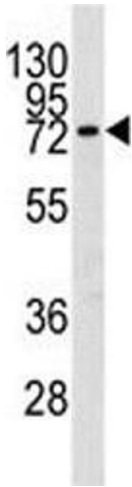
### Immunohistochemistry

**Image 1.** IHC analysis of FFPE human spleen tissue stained with MMP9 antibody



**Western Blotting**

**Image 2.** Western blot analysis of lysate from NCI-H1299 cell line using MMP9 antibody at 1:1000. Predicted molecular weight: 82-92 kDa



**Western Blotting**

**Image 3.** Western blot analysis of MMP9 in mouse spleen lysate. Predicted molecular weight: 82-92 kDa

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3031728.