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Datasheet for ABIN7425680
anti-MMP2 antibody (AA 110-660)

4 Images

Overview

Quantity:	100 µL
Target:	MMP2
Binding Specificity:	AA 110-660
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Matrix Metalloproteinase 2 (MMP2)
Immunogen:	Recombinant Matrix Metalloproteinase 2 (MMP2) corresponding to Tyr110~Cys660 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MMP2. It has been selected for its ability to recognize MMP2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	MMP2
Alternative Name:	Matrix Metalloproteinase 2 (MMP2 Products)
Background:	CLG4, CLG4A, MMP-II, MONA, TBE-1, PEX, Gelatinase A, 72 kDa Gelatinase, 72 kDa Type IV Collagenase
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

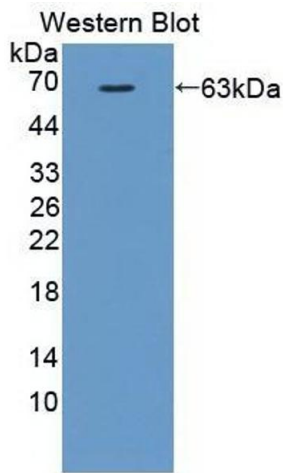
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	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



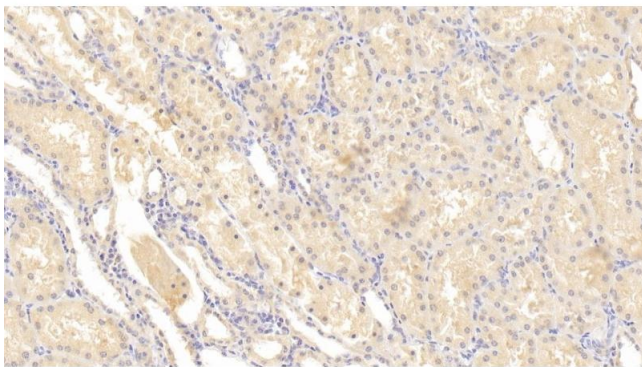
Western Blotting

Image 1. Detection of MMP2 in A431 cell lysate using Monoclonal Antibody to Matrix Metalloproteinase 2 (MMP2)



Western Blotting

Image 2. Detection of Recombinant MMP2, Human using Monoclonal Antibody to Matrix Metalloproteinase 2 (MMP2)



Immunohistochemistry

Image 3. Detection of MMP2 in Human Kidney Tissue using Monoclonal Antibody to Matrix Metalloproteinase 2 (MMP2)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425680.