

MMP1 antibody



Catalog Number: 112696

Product name

MMP1 antibody

Recommended Dilution:

WB: 1:200-1:2000

Specificity

Human, Mouse, Rat; other species not tested.

IP: 1:500-1:5000

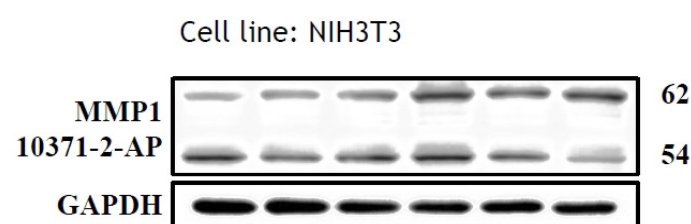
IHC: 1:20-1:200

Antibody description

MMP1 Rabbit Polyclonal antibody. Positive FC detected in HepG2 cells. Positive IF detected in HepG2 cells. Positive IHC detected in human cervical cancer tissue, rat testis tissue. Positive WB detected in A549 cells, A375 cells, HepG2 cells, Jurkat cells, mouse skeletal muscle tissue, NIH/3T3 cells, rat skin tissue. Positive IP detected in A549 cells. Observed molecular weight by Western-blot: 52-56 kDa, 62 kDa

IF: 1:20-1:200

Validations



WB results of MMP1 antibody (Catalog No., 1:500) with NIH3T3 cells, 62 kDa for pro-MMP1 and 54 kDa for Active MMP1. Data from Dr. Hui-Wen

Preparation

This antibody was obtained by immunization of MMP1 recombinant protein (Accession Number: NM_002421). Purification method: Antigen affinity purified.

Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

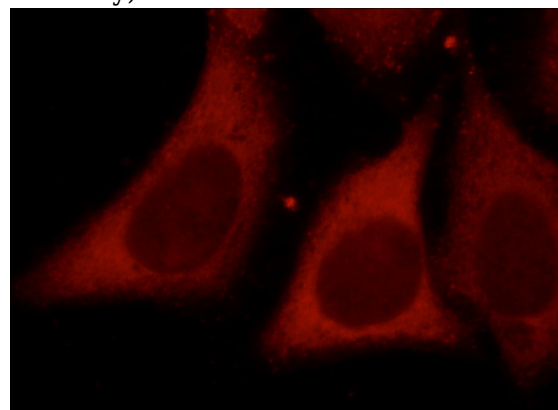
Applications

ELISA, WB, IF, IP, FC, IHC

Dilutions

Chiu, Taipei Medical University.

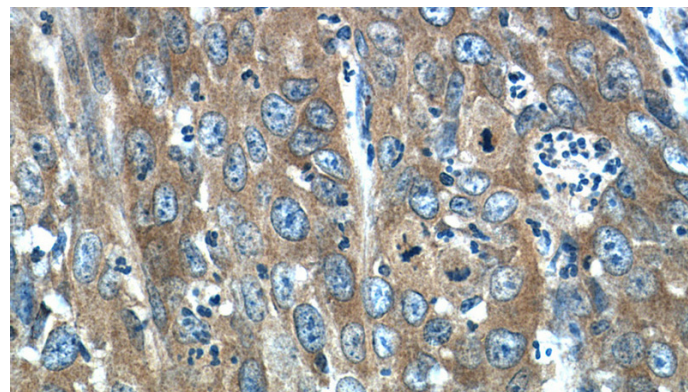
A549 cells were subjected to SDS PAGE followed by western blot with Catalog No:112696(MMP1 antibody) at dilution of 1:1000



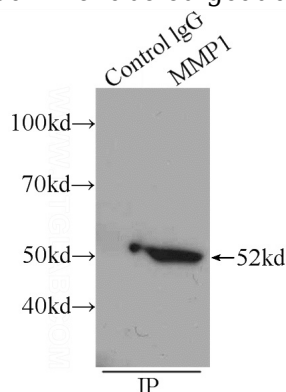
MMP1 antibody

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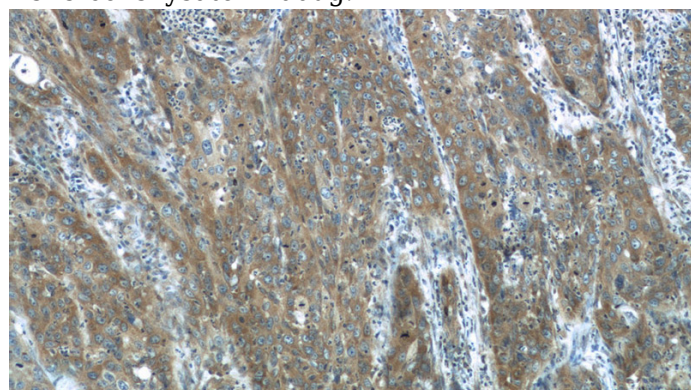
Immunofluorescent analysis of HepG2 cells, using MMP1 antibody Catalog No:112696 at 1:50 dilution and Rhodamine-labeled goat anti-rabbit



IgG (red).

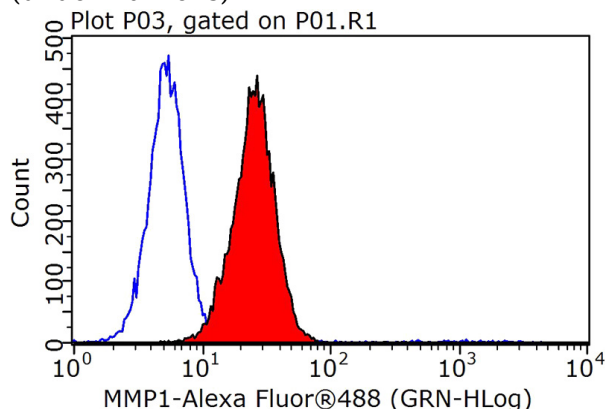


IP Result of anti-MMP1 (IP:Catalog No:112696, 4ug; Detection:Catalog No:112696 1:1000) with A549 cells lysate 1200ug.



Immunohistochemistry of paraffin-embedded human cervical cancer tissue slide using Catalog No:112696(MMP1 Antibody) at dilution of 1:200 (under 10x lens)

Immunohistochemistry of paraffin-embedded human cervical cancer tissue slide using Catalog No:112696(MMP1 Antibody) at dilution of 1:200 (under 40x lens)



1X10⁶ HepG2 cells were stained with 0.2ug MMP1 antibody (Catalog No:112696, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.