

MMP-10 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50649**Specification**

MMP-10 Antibody - Product Information

Application	IF, WB, IHC
Primary Accession	P09238
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54 KDa
Antigen Region	380-410

MMP-10 Antibody - Additional Information**Gene ID** 4319**Other Names**

Stromelysin-2, SL-2, Matrix metalloproteinase-10, MMP-10, Transin-2, MMP10, STMY2

Dilution

IF~~1:100

WB~~1:1000

IHC~~1:50-1:100

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

MMP-10 Antibody - Protein Information**Name** MMP10**Synonyms** STMY2**Function**

Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.

Cellular Location

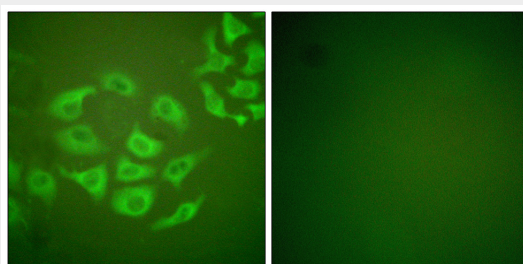
Secreted, extracellular space, extracellular matrix

MMP-10 Antibody - Protocols

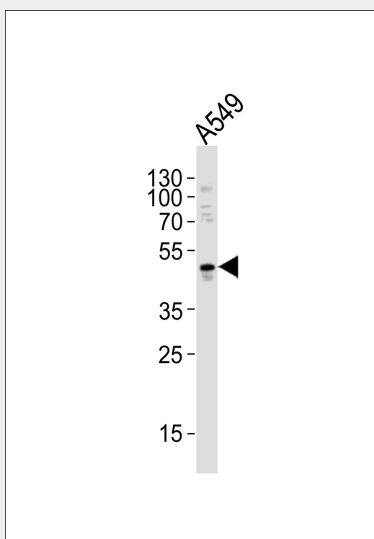
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

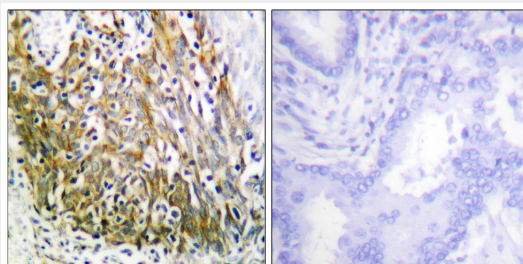
MMP-10 Antibody - Images



Immunofluorescence analysis of HepG2 cells, using MMP-10 antibody.



Western blot analysis of lysate from A549 cell line, using MMP-10 Antibody (AP50649). AP50649 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MMP-10 antibody.

MMP-10 Antibody - Background

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MMP-10 Antibody - References

Muller D.,et al.Biochem. J. 253:187-192(1988).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

MMP-10 Antibody - Citations

- [Nkx2-5 Is Expressed in Atherosclerotic Plaques and Attenuates Development of Atherosclerosis in Apolipoprotein E-Deficient Mice.](#)