

## MMP1 antibody

Cat. No. GTX100534

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References ( 26 )

★★★★★ Review ( 3 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 54 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.54 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human MMP1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

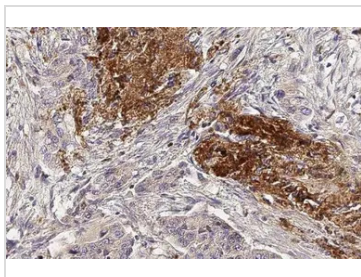
## Note

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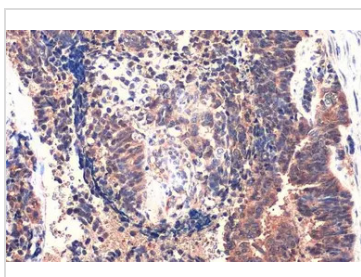
**DATA IMAGES**

**GTx100534 IHC-P Image**

MMP1 antibody detects secreted MMP1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

MMP1 stained by MMP1 antibody (GTx100534) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

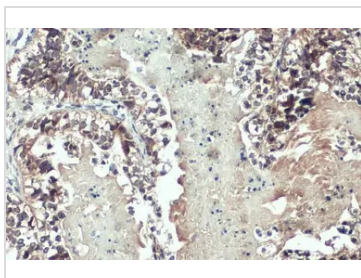

**GTx100534 IHC-P Image**

MMP1 antibody detects MMP1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human endometrial carcinoma.

MMP1 stained by MMP1 antibody (GTx100534) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

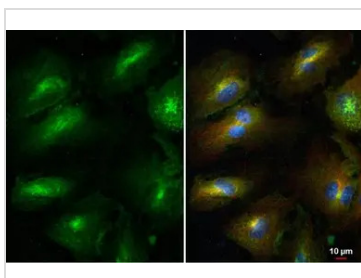

**GTx100534 IHC-P Image**

MMP1 antibody detects MMP1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human endometrial carcinoma.

MMP1 stained by MMP1 antibody (GTx100534) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx100534 ICC/IF Image**

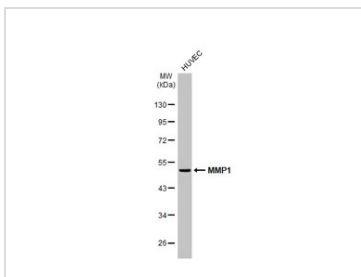
MMP1 antibody detects MMP1 protein at cytoplasm by immunofluorescent analysis.

Sample: HUVEC cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: MMP1 stained by MMP1 antibody (GTx100534) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).


**GTx100534 WB Image**

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with MMP1 antibody (GTx100534) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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