MMP1 antibody

Cat. No. GTX100534

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

References (30)

Review (4)

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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.92 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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

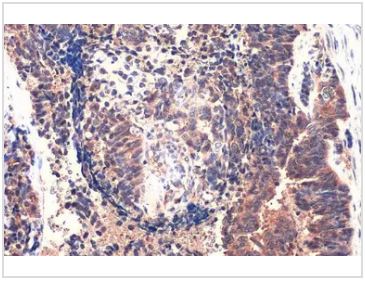
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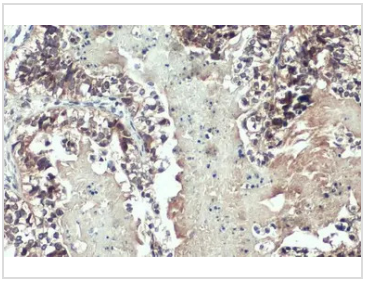
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DATA IMAGES



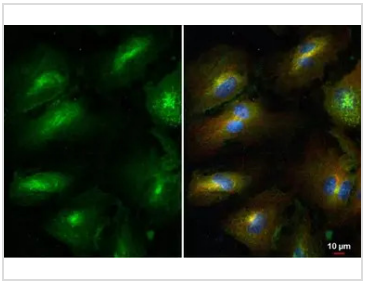
GTX100534 IHC-P Image

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



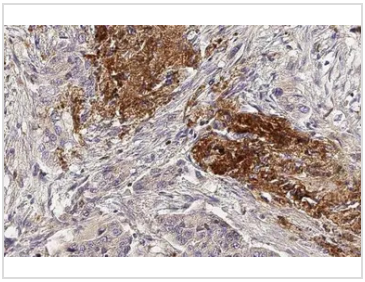
GTX100534 IHC-P Image

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



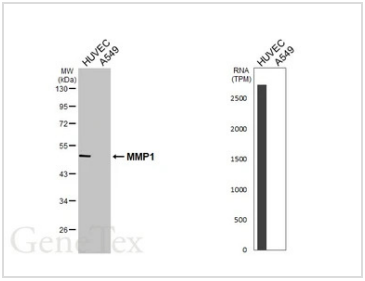
GTX100534 ICC/IF Image

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 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 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MMP1 antibody (GTX100534) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.

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