MMP13 antibody [N3C1], Internal

Cat. No. GTX100665

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

References (30)

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	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

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	0.56 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human MMP13. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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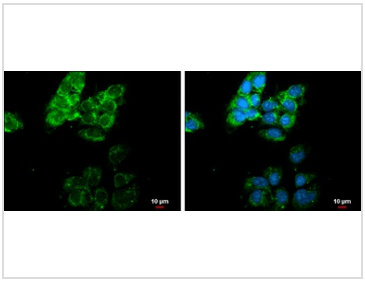
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Note

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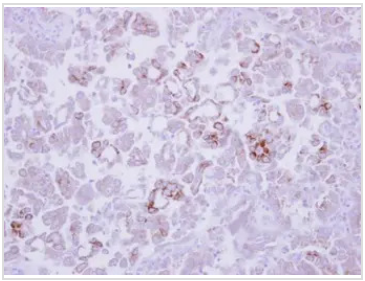
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DATA IMAGES



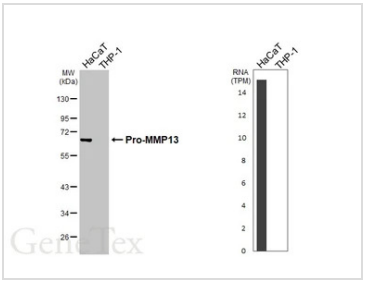
GTX100665 ICC/IF Image

MMP13 antibody [N3C1], Internal detects MMP13 protein at cytoplasm by immunofluorescent analysis.
Sample: NT2D1 cells were fixed in ice-cold MeOH for 5 min.
Green: MMP13 protein stained by MMP13 antibody [N3C1], Internal (GTX100665) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 µm.



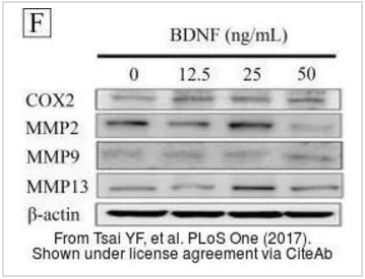
GTX100665 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using MMP13(GTX100665) antibody at 1:250 dilution.
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX100665 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MMP13 antibody [N3C1], Internal (GTX100665) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX100665 WB Image

The data was published in the journal PLoS One in 2017. PMID: 28604807

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