

## 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 ( 20 )

★★★★★ 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

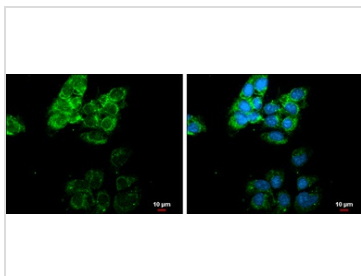
|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 20% Glycerol  |
| Preservative  | 0.025% ProClin 300   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C 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   |

For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

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.

**DATA IMAGES**

**GTX100665 ICC/IF Image**

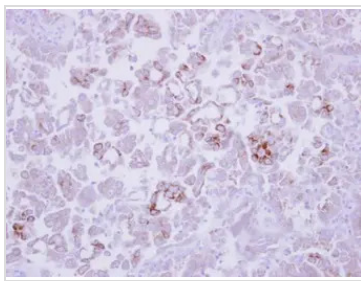
MMP13 antibody [N3C1], Internal detects MMP13 protein at cytoplasm by immunofluorescent analysis.

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.

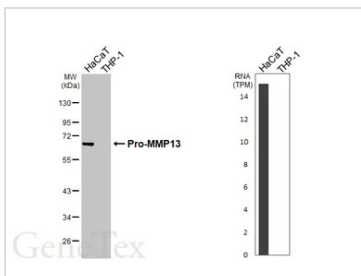
Scale bar = 10  $\mu$ m.


**GTX100665 IHC-P Image**

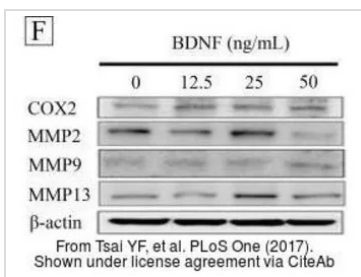
Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using

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  $\mu$ g) 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](https://pubmed.ncbi.nlm.nih.gov/28604807/)



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