

## MUC1 antibody

Cat. No. GTX100459

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	Human

References ( 6 )

★★★★★ Review ( 1 )

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
IP	1:100-1:500

Not tested in other applications.

**Calculated MW** 122 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.35 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the Extracellular domain of human MUC1. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



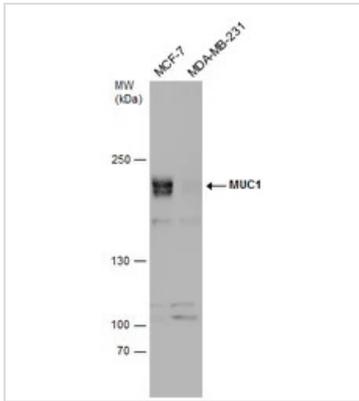
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#### Note

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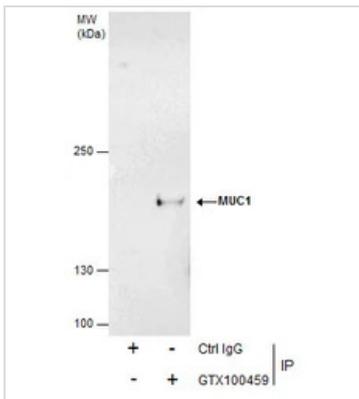
#### DATA IMAGES



#### GTX100459 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with MUC1 antibody (GTX100459) diluted at 1:1000.

The observed M.W. is based on the publication: [PMID: 21927028](https://pubmed.ncbi.nlm.nih.gov/21927028/)

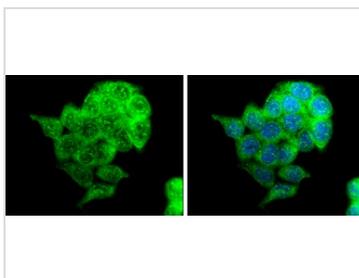


#### GTX100459 IP Image

Immunoprecipitation of MUC1 protein from HCT-116 whole cell extracts using 5 µg of MUC1 antibody (GTX100459).

Western blot analysis was performed using MUC1 antibody (GTX100459) diluted at 1:500.

EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



#### GTX100459 ICC/IF Image

MUC1 antibody detects MUC1 protein at cytoplasm by immunofluorescent analysis.

Sample: HCT116 cells were fixed in ice-cold MeOH for 5 min.

Green: MUC1 protein stained by MUC1 antibody (GTX100459) diluted at 1:500.

Blue: Hoechst 33342 staining.



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