MUC1 antibody

Cat. No. GTX100459

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	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)
Product Note	This antibody was raised against human MUC1 Extracellular domain.

Properties

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

For full product information, images and publications, please visit our website.

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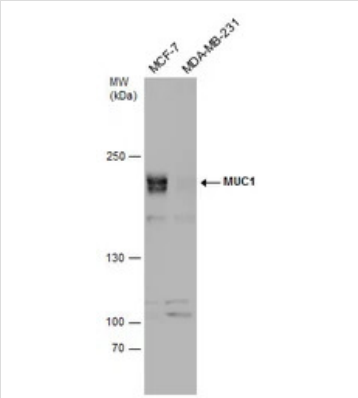
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Note

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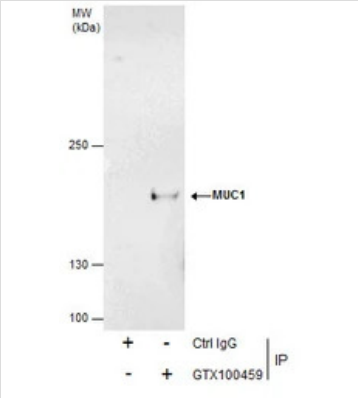
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DATA IMAGES



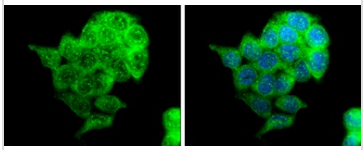
GTX100459 WB Image

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



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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