

# MUC1 antibody [M4H2]

**Cat. No. GTX10120**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	ICC/IF, IHC-P, IHC-Fr, ELISA, Sandwich ELISA
<b>Reactivity</b>	Human

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

**Note :** This antibody can be used for detection of unglycosylated and glycosylated tumor-associated MUC1 mucins in human serum.  
**Capture :** GTX10120, **Detection:** GTX10120 (detection of unglycosylated MUC1) or **Capture :** GTX10120, **Detection:** GTX10118/GTX28323 (detection of glycosylated MUC1)

Not tested in other applications.

### Product Note

Clone M4H2, M2F1, M2C5 bind with high efficiency with different epitopes within the VNTR tandem repeat peptide region of MUC1 molecule, which have different conformations and peptide-carbohydrate compositions. Clone M4H2 reacts with VNTR20 recombinant unglycosylated fragment of MUC1 protein, with monomeric VNTR MUC1 peptide, with deglycosylated and underglycosylated natural MUC1 protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant (E. coli) VNTR20 (tandem repeat in MUC1 core) polypeptide. This antibody binds with high efficiency with different epitopes within the VNTR tandem repeat peptide region of MUC1 molecule, which have different conformations and peptide-carbohydrate compositions.



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<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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