

# MUC1 antibody [M2F1]

**Cat. No. GTX10118**

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

Reference ( 2 )  
Package  
100 µg

## APPLICATION

### 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 glycosylated tumor-associated MUC1 mucins in human serum.**  
**Capture : GTX28322/GTX10120/GTX10123, Decton: GTX10118 (detection of glycosylated MUC1)**

Not tested in other applications.

<b>Calculated MW</b>	122 kDa. ( <a href="#">Note</a> )
<b>Product Note</b>	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 M2F1 and M2C5 efficiently recognize underglycosylated and natural MUC1 protein isolated from human milk by affinity chromatography. Belong to monoclonal antibody clusters 6 and 7 according to ISOMB TD-4 classification. No cross reactive with normal serum proteins and human tissues of non-epithelial origin.

## 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.)



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

<b>Immunogen</b>	High molecular weight (>300 kDa) glycoprotein from human milk-fat globule molecule. 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.
<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>



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