

MUC1 antibody [M2F1]

Cat. No. GTX10118

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

References (2)

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 glycosylated tumor-associated MUC1 mucins in human serum.

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Capture : GTX10120, **Detection:** GTX10118 (detection of glycosylated MUC1).

The detection antibody requires HRP conjugation.

Please contact us for the conjugation service.

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 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

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)



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Immunogen	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.
Purification	Protein A purified
Conjugation	Unconjugated
Note	<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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