MUC1 antibody [M4H2]

Cat. No. GTX10120

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

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 unglycosylated and glycosylated tumor-associated MUC1 mucins in human serum. Capture : GTX10120, Dection: GTX10120 (detection of unglycosylated MUC1) or Capture : GTX10120, Dection: GTX10118/GTX28323 (detection of glycosylated MUC1)

Not tested in other applications.

Calculated MW	122 kDa. (Note)
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

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

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com