

## MUC1 antibody [CM1]

Cat. No. GTX10114

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-Fr, ELISA
Reactivity	Human

References ( 1 )

Package

100 µg

## Applications

## Application Note

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

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

Not tested in other applications.

## Product Note

Clone CM1 , M9E7, M8C9 bind with high efficiency with different regions of GVTAPDTRPAGSTAPPAHGVTS synthetic peptide spanning the one repeat of VNTR extracellular portion of MUC1 molecule. These antibodies react with VNTR5 and VNTR20 recombinant unglycosylated fragments of MUC1 protein and underglycosylated MUC1 prepared from tumor fluids (T47D cells) or as a result of chemical treatment (NaIO<sub>4</sub>) of human milk MUC1. They do not recognize natural MUC1 protein isolated from human milk by affinity purification on carbohydrate epitope specific antibodies and belong to monoclonal antibody cluster 1-4 according to ISOMB TD-4 classification. No cross-reactivity with egg white avidin.

## 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.)
Immunogen	Recombinant (E. coli) VNTR20 (tandem repeat in MUC1 core) polypeptide. This antibody binds efficiently with different regions of GVTAPDTRPAGSTAPPAHGVTS synthetic peptide spanning the one repeat of VNTR extracellular portion of MUC1 molecule.
Purification	Protein A purified
Conjugation	Unconjugated



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