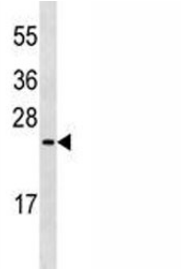
MUC1 Antibody [clone 347CT26.1.3] (F40337)

Catalog No.	Formulation	Size
F40337-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40337-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	347CT26.1.3
Purity	Purified
UniProt	P15941
Applications	Western blot: 1:100-1:250
Limitations	This MUC1 antibody is available for research use only.



MUC1 antibody western blot analysis in MDA-MB435 lysate. This Ab will detect the 23-29 kDa isoforms of MUC1.

Description

This gene is a member of the mucin family and encodes a membrane bound, glycosylated phosphoprotein. The protein is anchored to the apical surface of many epithelia by a transmembrane domain, with the degree of glycosylation varying with cell type. It also includes a 20 aa variable number tandem repeat (VNTR) domain, with the number of repeats varying from 20 to 120 in different individuals. The protein serves a protective function by binding to pathogens and also functions in a cell signaling capacity. Overexpression, aberrant intracellular localization, and changes in glycosylation of this protein

have been associated with carcinomas. Multiple alternatively spliced transcript variants that encode different isoforms of this gene have been reported, but the full-length nature of only some has been determined. [provided by RefSeq].

Application Notes

Titration of the MUC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Purified His-tagged N-terminal protein fragment was used to produced this monoclonal MUC1 antibody.

Storage

Aliquot the MUC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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