

Datasheet for ABIN3031867
anti-MUC1 antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	MUC1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified His-tagged N-terminal protein fragment was used to produced this monoclonal MUC1 antibody.
Clone:	347CT26-1-3
Isotype:	IgG2b
Purification:	Purified

Target Details

Target:	MUC1
Alternative Name:	MUC1 (MUC1 Products)
Background:	This gene is a member of the mucin family and encodes a membrane bound, glycosylated

Target Details

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].

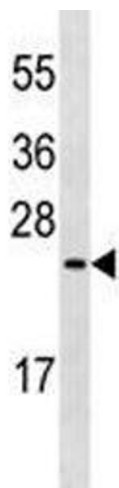
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Titration of the MUC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:250
Restrictions:	For Research Use only

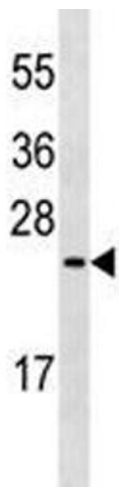
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the MUC1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. MUC1 antibody western blot analysis in MDA-MB435 lysate. This Ab will detect the 23-29 kDa isoforms of MUC1.



Western Blotting

Image 2. MUC1 antibody western blot analysis in MDA-MB435 lysate. This Ab will detect the 23-29 kDa isoforms of MUC1.