

Datasheet for ABIN1539859
anti-MUC1 antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	MUC1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged MUC1 protein(N-terminal fragment) was used to produced this monoclonal antibody.
Clone:	347CT26-1-3
Isotype:	IgG2b
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MUC1
Alternative Name:	MUC1 (MUC1 Products)

Target Details

Background:	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].
Molecular Weight:	122102
Gene ID:	4582
NCBI Accession:	NP_001018016 , NP_001018017 , NP_001037855 , NP_001037856 , NP_001037857 , NP_001037858 , NP_001191214 , NP_001191215 , NP_001191216 , NP_001191217 , NP_001191218 , NP_001191219 , NP_001191220 , NP_00
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:100~250
Restrictions:	For Research Use only

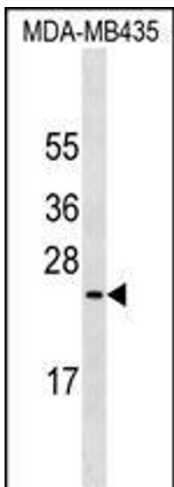
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	MUC1 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Handling

Expiry Date: 6 months

Images



Western Blotting

Image 1. MUC1 Antibody (ABIN1539859 and ABIN2843831) western blot analysis in MDA-M cell line lysates (35 μ g/lane). This demonstrates the MUC1 antibody detected the MUC1 protein (arrow).