

Datasheet for ABIN6940099

**anti-MUC1 antibody**

8 Images

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## Overview

Quantity:	100 µg
Target:	MUC1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Human milk-fat globule membranes (HMFGM)
Clone:	MUC1-520
Isotype:	IgG2a kappa
Specificity:	In Western blotting, it recognizes proteins in MW range of 265-400 kDa, identified as different glycoforms of EMA. EMA may provide a protective layer on epithelial cells against bacterial and enzyme attack. In immunohistochemical assays, it superbly stains routine formalin/paraffin carcinomas. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver.
Purification:	Purified by Protein A/G

## Target Details

Target:	MUC1
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## Target Details

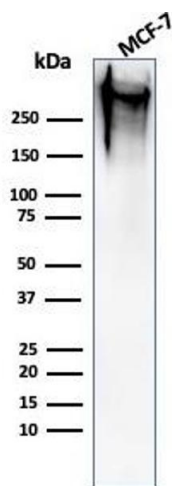
Alternative Name:	MUC1 ( <a href="#">MUC1 Products</a> )
Molecular Weight:	265-400kDa
Gene ID:	4582
UniProt:	<a href="#">P15941</a>
Pathways:	<a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

Application Notes:	Positive Control: MCF-7 or MDA-231 cells. Breast, colon, ovarian, endometrial carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

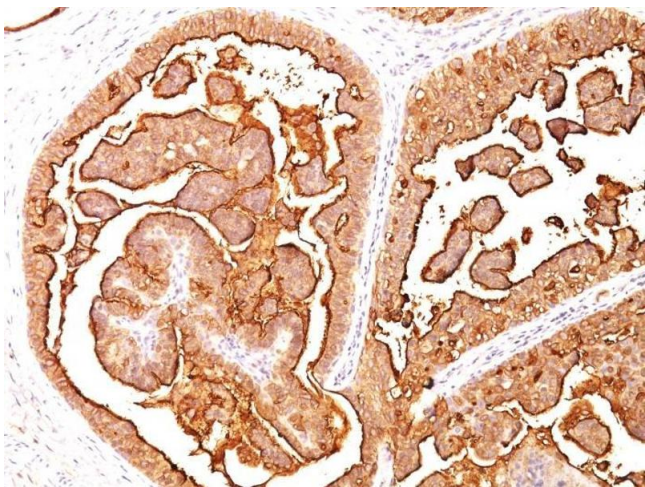
## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



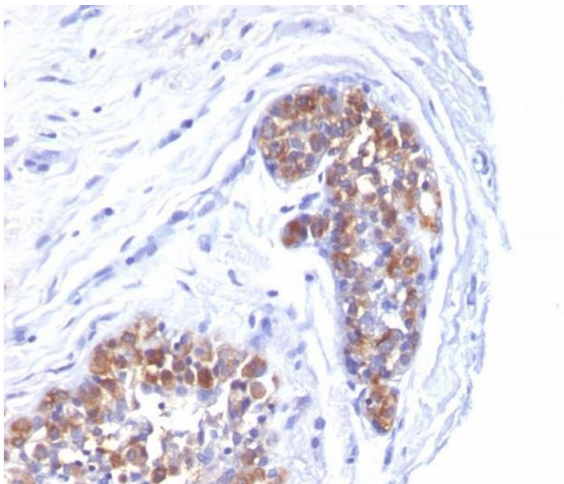
### Western Blotting

**Image 1.** Western Blot Analysis of human MCF-7 cell lysate using MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520)



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520).

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN6940099.