

Datasheet for ABIN7160277  
**anti-MUC1 antibody (AA 24-273)**



[Go to Product page](#)

3 Images

## Overview

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Quantity:            | 100 µg                                                     |
| Target:              | MUC1                                                       |
| Binding Specificity: | AA 24-273                                                  |
| Reactivity:          | Human                                                      |
| Host:                | Rabbit                                                     |
| Clonality:           | Polyclonal                                                 |
| Conjugate:           | This MUC1 antibody is un-conjugated                        |
| Application:         | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

## Product Details

|                   |                                              |
|-------------------|----------------------------------------------|
| Immunogen:        | Recombinant Human Mucin-1 protein (24-273AA) |
| Isotype:          | IgG                                          |
| Cross-Reactivity: | Human                                        |
| Purification:     | >95%, Protein G purified                     |

## Target Details

|                   |                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | MUC1                                                                                                                                                                                           |
| Alternative Name: | MUC1 ( <a href="#">MUC1 Products</a> )                                                                                                                                                         |
| Background:       | Background: The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and |

Target Details

enzyme attack. Ref.26 Ref.37 Ref.40 Ref.45 Ref.46 Ref.49 Ref.52 Ref.53 Ref.56. The beta subunit contains a C-terminal domain which is involved in cell signaling, through phosphorylations and protein-protein interactions. Modulates signaling in ERK, SRC and NF-kappa-B pathways. In activated T-cells, influences directly or indirectly the Ras/MAPK pathway. Promotes tumor progression. Regulates TP53-mediated transcription and determines cell fate in the genotoxic stress response. Binds, together with KLF4, the PE21 promoter element of TP53 and represses TP53 activity.

Aliases: ADMCKD antibody, ADMCKD1 antibody, Breast carcinoma associated antigen DF3 antibody, Breast carcinoma-associated antigen DF3 antibody, CA 15-3 antibody, CA15 3 antibody, CA15 3 antigen antibody, CA15-3 antibody, CA15.3 antibody, Cancer antigen 15-3 antibody, Carcinoma associated mucin antibody, Carcinoma-associated mucin antibody, CD 227 antibody, CD227 antibody, DF3 antigen antibody, EMA antibody, Episialin antibody, Epithelial Membrane Antigen antibody, H23 antigen antibody, H23AG antibody, KL 6 antibody, KL-6 antibody, KL6 antibody, Krebs von den Lungen-6 antibody, MAM 6 antibody, MAM6 antibody, MCD antibody, MCKD antibody, MCKD1 antibody, Medullary cystic kidney disease 1 (autosomal dominant) antibody, Medullary cystic kidney disease, autosomal dominant antibody, MUC 1 antibody, MUC-1 antibody, MUC-1/SEC antibody, MUC-1/X antibody, MUC1 antibody, MUC1-alpha antibody, MUC1-beta antibody, MUC1-CT antibody, MUC1-NT antibody, MUC1/ZD antibody, MUC1\_HUMAN antibody, Mucin 1 antibody, Mucin 1 cell surface associated antibody, Mucin 1 transmembrane antibody, Mucin 1, cell surface associated antibody, Mucin-1 subunit beta antibody, Peanut reactive urinary mucin antibody, Peanut-reactive urinary mucin antibody, PEM antibody, PEMT antibody, Polymorphic epithelial mucin antibody, PUM antibody, Tumor associated epithelial membrane antigen antibody, Tumor associated epithelial mucin antibody, Tumor associated mucin antibody, Tumor-associated epithelial membrane antigen antibody, Tumor-associated mucin antibody

|           |                                                                      |
|-----------|----------------------------------------------------------------------|
| UniProt:  | <a href="#">P15941</a>                                               |
| Pathways: | <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> |

Application Details

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Application Notes: | Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200, |
| Restrictions:      | For Research Use only                                |

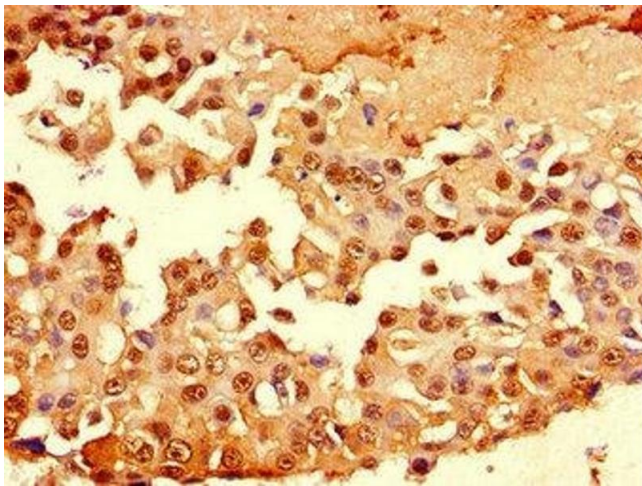
Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

## Handling

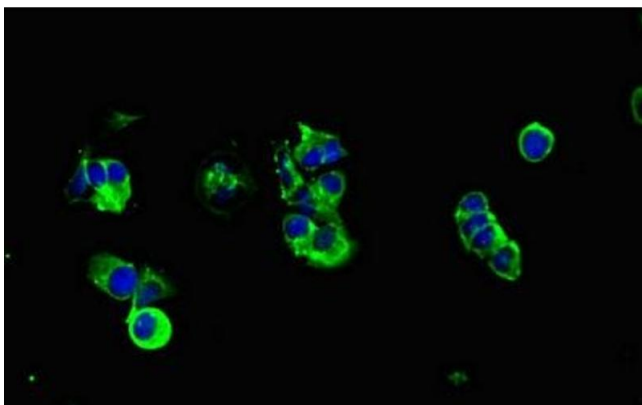
|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |

## Images



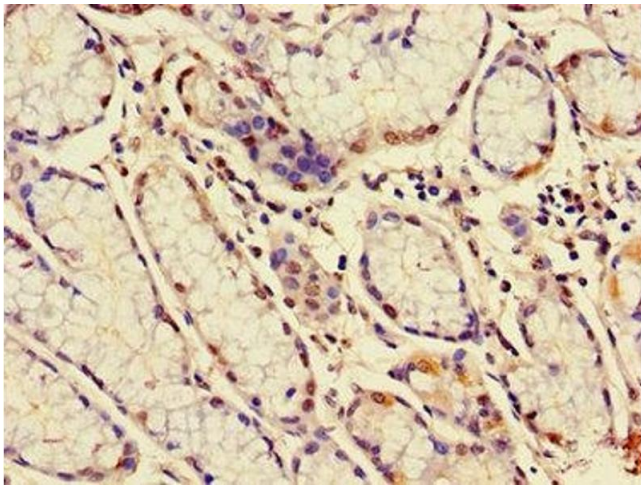
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7160277 at dilution of 1:100



### Immunofluorescence

**Image 2.** Immunofluorescent analysis of MCF-7 cells using ABIN7160277 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7160277 at dilution of 1:100