

Datasheet for ABIN1502278  
**anti-MUC1 antibody**



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2 Images

## Overview

|              |                                                                                                                                                                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                                                                                                                                                                                               |
| Target:      | MUC1                                                                                                                                                                                                                                                                                 |
| Reactivity:  | Human                                                                                                                                                                                                                                                                                |
| Host:        | Mouse                                                                                                                                                                                                                                                                                |
| Clonality:   | Monoclonal                                                                                                                                                                                                                                                                           |
| Conjugate:   | This MUC1 antibody is un-conjugated                                                                                                                                                                                                                                                  |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoelectron Microscopy (IEM) |

## Product Details

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Brand:        | IHC-plus™                                                                               |
| Immunogen:    | human milk-fat globule membranes (HMFGM)<br><br>Type of Immunogen: Membrane preparation |
| Clone:        | 139H2                                                                                   |
| Isotype:      | IgG1                                                                                    |
| Specificity:  | Reacts towards anpeptide epitope in the repeat region of MUC-1.                         |
| Purification: | Purified                                                                                |

## Target Details

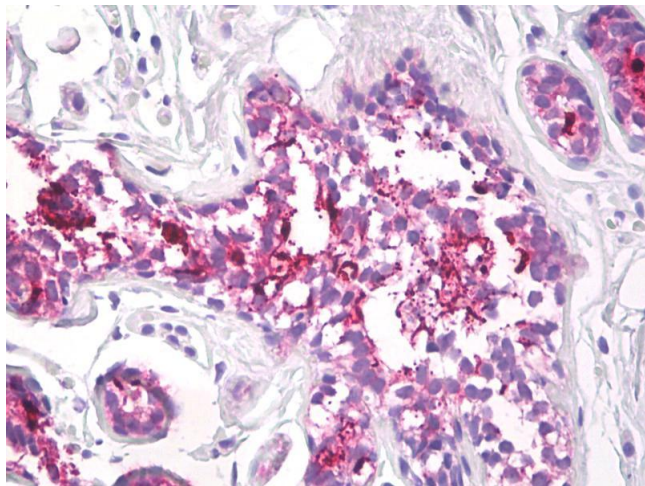
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | MUC1                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | EMA / MUC1 ( <a href="#">MUC1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | <p>Name/Gene ID: MUC1</p> <p>Family: Mucin</p> <p>Synonyms: MUC1, CA15-3, CD227, Carcinoma-associated mucin, CD227 antigen, DF3 antigen, Episialin, Epithelial membrane antigen, H23 antigen, H23AG, Krebs von den Lungen-6, MAM6, MUC1/ZD, MUC-1/SEC, Mucin-1, Pem, KL-6, MUC-1/X, Tumor-associated mucin, Peanut-reactive urinary mucin, Polymorphic epithelial mucin, PUM, EMA, MUC-1, Mucin 1, transmembrane</p> |
| Gene ID:          | 4582                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt:          | <a href="#">P15941</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| Pathways:         | <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>                                                                                                                                                                                                                                                                                                                                                 |

## Application Details

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, EM, Flo, IF, IHC, IHC-Fr, IHC-P (10 µg/mL), IP, WB |
| Comment:           | Target Species of Antibody: Human                                   |
| Restrictions:      | For Research Use only                                               |

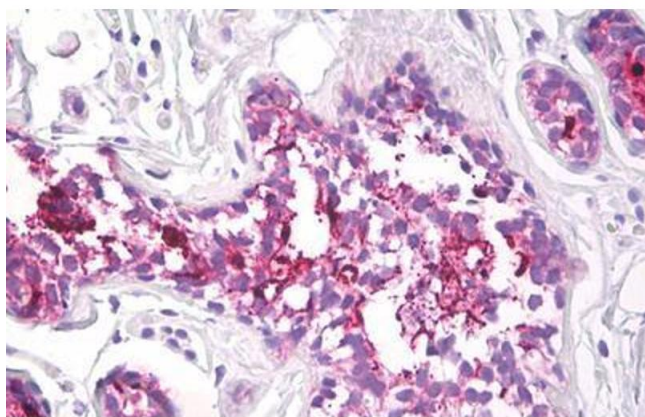
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS containing 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. |
| Handling Advice:   | avoid freeze thaw cycles.                                                                                              |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.                                        |



#### Immunohistochemistry

**Image 1.** Anti-MUC1 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.



**Image 2.**