

## Datasheet for ABIN1837867 **anti-MUC1 antibody**

[Go to Product page](#)

### Overview

|              |                                                                                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 0.2 mg                                                                                                                                                                                                 |
| Target:      | MUC1                                                                                                                                                                                                   |
| Reactivity:  | Human                                                                                                                                                                                                  |
| Host:        | Mouse                                                                                                                                                                                                  |
| Clonality:   | Monoclonal                                                                                                                                                                                             |
| Conjugate:   | This MUC1 antibody is un-conjugated                                                                                                                                                                    |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Flow Cytometry (FACS),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry<br>(Frozen Sections) (IHC (fro)) |

### Product Details

|               |                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | NK cell clone E57.<br><br>Type of Immunogen: Cells                                                                                                              |
| Clone:        | C595(NCRC48)                                                                                                                                                    |
| Isotype:      | IgG3                                                                                                                                                            |
| Specificity:  | Recognizes CD227, the breast cancer associated mucin encoded by the Muc-1 gene. In normal tissues expression is restricted to specialized glandular epithelial. |
| 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: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Buffer contains: 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 repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.                                                  |