

## Mouse anti-Human MUC16 Monoclonal Antibody | anti-MUC16 antibody

Anti-MUC16 Antibody

|                               |                      |                            |                                             |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA264899</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|

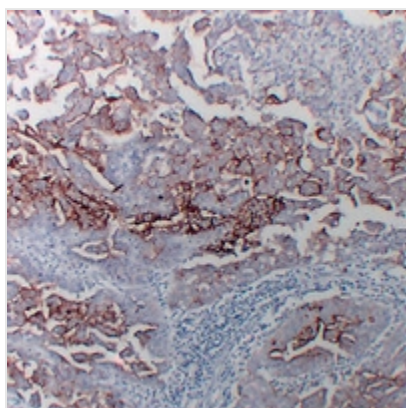
### PRODUCT SYNONYMS

MUC16; Monoclonal Antibody; Anti-MUC16 Antibody; CA125; Mucin-16; MUC-16; Ovarian cancer-related tumor marker CA125; CA-125; Ovarian carcinoma antigen CA125; anti-MUC16 antibody

### PRODUCT SPECIFICATIONS

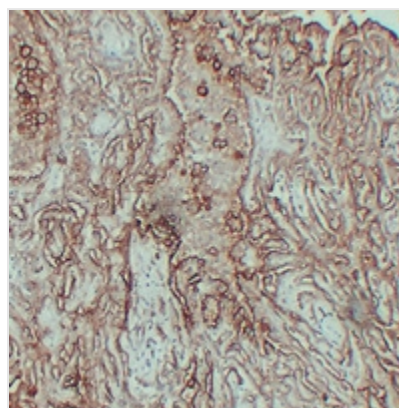
|                                                 |                                                                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                           |
| Reactivity                                      | Human                                                                                                           |
| Clonality                                       | Monoclonal                                                                                                      |
| Isotype                                         | Mouse IgG1                                                                                                      |
| Specificity                                     | Recognizes endogenous levels of MUC16 protein.                                                                  |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                 |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                         |
| Applicable Applications for anti-MUC16 antibody | IHC (Immunohistochemistry)                                                                                      |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within human MUC16. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.  |

### IMAGES



#### IF (Immunofluorescence)

Immunohistochemical analysis of MUC16 staining in human ovarian serous carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of MUC16 staining in human mesothelioma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

|                                                     |                                    |
|-----------------------------------------------------|------------------------------------|
| Related Product Information for anti-MUC16 antibody | Mouse monoclonal antibody to MUC16 |
|-----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 83367077                                                                                                                           |
| NCBI GeneID                      | 94025                                                                                                                              |
| NCBI Accession #                 | NP_078966.2                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_024690.2                                                                                                                        |
| UniProt Accession #              | Q8WXI7; Q6ZQW5; Q96RK2                                                                                                             |
| Molecular Weight                 | 2,353,428 Da                                                                                                                       |
| NCBI Official Full Name          | mucin-16                                                                                                                           |
| NCBI Official Synonym Full Names | mucin 16, cell surface associated                                                                                                  |
| NCBI Official Symbol             | MUC16                                                                                                                              |
| NCBI Official Synonym Symbols    | CA125                                                                                                                              |
| NCBI Protein Information         | mucin-16; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125 |
| UniProt Protein Name             | Mucin-16                                                                                                                           |
| UniProt Gene Name                | <b>MUC16</b>                                                                                                                       |
| UniProt Synonym Gene Names       | CA125; MUC-16; CA-125                                                                                                              |
| UniProt Entry Name               | MUC16_HUMAN                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/muc16-antibody-immunohistochemistry-elisa/264899>