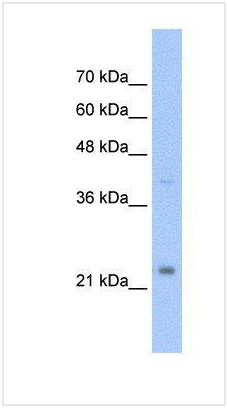
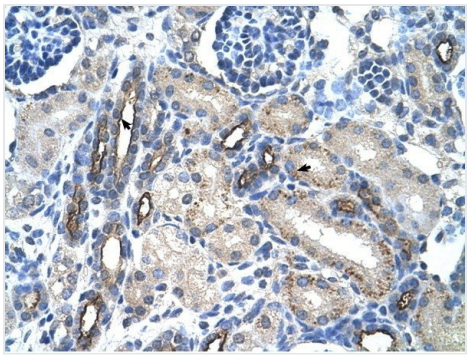
# MUC1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | MUC1, Polyclonal Antibody |
| **Full Product Name** | MUC1 (Mucin-1, MUC-1, Breast Carcinoma-associated Antigen DF3, Cancer Antigen 15-3, CA 15-3, Carcinoma-associated Mucin, Episialin, H23AG, Krebs von den Lungen-6, KL-6, PEMT, Peanut-reactive Urinary Mucin, PUM, Polymorphic Epithelial Mucin, PEM, Tumor-ass |
| **Product Gene Name** | anti-MUC1 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human MUC1. |
| **Preparation and Storage** | Lyophilized powder may be stored at -20 degree C. Stable for 12 months at -20 degree C. Reconstitute with sterile dH2O. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Reconstituted product is stable for 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer. |
| **Immunogen** | RRKNYGQLDIFPARDTYHPMSEYPTYHTHGRYVPPSSTDRSPYEKVSAGN, corresponding to C-terminus of MUC1. |
| **Conjugate** | PE |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-MUC1 antibody** | Antibodies; Mucin |
| **Applications Tested/Suitable for anti-MUC1 antibody** | Immunohistochemistry (IHC), Western Blot (WB) |
| **Application Notes for anti-MUC1 antibody** | IHC: 4-8ug/ml<br>WB: 2.5ug/ml<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-MUC1 antibody** | MBS6401317 is an antibody targeting MUC1. Also known as MUC1 (Mucin-1, MUC-1, Breast Carcinoma-associated Antigen DF3, Cancer Antigen 15-3, CA 15-3, Carcinoma-associated Mucin, Episialin, H23AG, Krebs von den Lungen-6, KL-6, PEMT, Peanut-reactive Urinary Mucin, PUM, Polymorphic Epithelial Mucin, PEM, Tumor-ass. Reactive in Human. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-MUC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Testing Data of anti-MUC1 antibody**
MUC1 antibody used at 2.5ug/ml to detect target protein.



**Immunohistochemistry (IHC) of anti-MUC1 antibody**
MUC1 antibody was used for immunohistochemistry at a concentration of 4-8ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MUC1. It may not necessarily be applicable to this product.

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|---|---|
| **Protein Family** | Mucin |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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