# Product Datasheet

## MUC5AC Antibody (MUC5AC/917) [DyLight 405]
## NBP2-54448V

Unit Size: 100 ul

Store at 4C in the dark.

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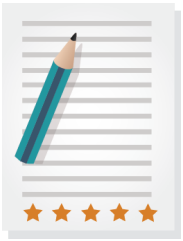

# NBP2-54448V

MUC5AC Antibody (MUC5AC/917) [DyLight 405]

## Product Information

| | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | MUC5AC/917 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 Kappa |
| **Conjugate** | DyLight 405 |
| **Purity** | Protein A or G purified |
| **Buffer** | 50mM Sodium Borate |

## Product Description

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|---|---|
| **Description** | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| **Host** | Mouse |
| **Gene ID** | 4586 |
| **Gene Symbol** | MUC5AC |
| **Species** | Human, Rat (Negative) |
| **Reactivity Notes** | Does not react with Rat. |
| **Specificity/Sensitivity** | Mucin 5AC glycoprotein (MUC5AC) is a 641kDa glycoprotein belonging to the superfamily of mucins. Mucins are high molecular weight glycoproteins produced by epithelial cells and can be divided into two families; secretory mucins and membrane bound mucins. MUC5AC is a mucus-forming secreted mucin that is found in normal gastric and tracheo-bronchial mucosa, but absent from normal colon. MUC5AC expression is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of pancreatic carcinoma and pre-cancerous changes vs. normal pancreas. |
| **Immunogen** | Recombinant fragment covering tandem repeats of human MUC5AC protein (exact sequence is proprietary) (Uniprot: P98088) |
| **Notes** | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

## Product Application Details

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|---|---|
| **Applications** | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| **Recommended Dilutions** | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |

| | |
|---|---|
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. |

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## Products Related to NBP2-54448V

| | |
|---|---|
| NBP1-43319V-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405] |
| H00004586-Q01-10ug | Recombinant Human MUC5AC GST (N-Term) Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP2-76703 | Human MUC5AC ELISA Kit (Colorimetric) |

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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