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## Product Datasheet

### **MUC5AC (Mucin 5AC / Gastric Mucin) Antibody, IgG1, Clone: [MUC5AC/917 + 45M1], Mouse, Monoclonal NBT-4586-MSM9-P0**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MUC5AC (Mucin 5AC / Gastric Mucin) Antibody, IgG1, Clone:<br>[MUC5AC/917 + 45M1], Mouse, Monoclonal                                                                                                                                                           |
| Biozol Catalog Number      | NBT-4586-MSM9-P0                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 4586-MSM9-P0                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-4586-MSM9-P0-20,NBT-4586-MSM9-P0-100                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human MUC5AC protein (MUC5AC/917), M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient (45M1)                                                                                                       |
| Product Description        | 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 muc... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [MUC5AC/917 + 45M1]                                                                                                                                                                                                                                           |
| Molecular Weight           | 641kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                           |
| NCBI              | <a href="#">4586</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">P98088</a>                                                                                                                                                                                                                                         |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                         |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                            |
| Application Notes | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 mi |