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## Product Datasheet

### **MUC3 (Mucin 3) Antibody, IgG2a, Clone: [SPM200], Mouse, Monoclonal NBT-4584-MSM1X-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MUC3 (Mucin 3) Antibody, IgG2a, Clone: [SPM200], Mouse, Monoclonal                                                                                                                                                                                            |
| Biozol Catalog Number      | NBT-4584-MSM1X-P1ABX                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 4584-MSM1X-P1ABX                                                                                                                                                                                                                                              |
| Alternative Catalog Number | NBT-4584-MSM1X-P1ABX-100                                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A synthetic peptide of 35 amino acids, SIB35 (C-HSTPSFTSSITTTETTSHTPSFTSSITTTETTS), which contains two of the MUC3 tandem repeats, coupled to KLH.                                                                                                            |
| Product Description        | It recognizes a protein of HMW, identified as mucin 3 glycoprotein (MUC3). Its epitope localizes between aa SITTTE. This MAb shows no cross-reaction with human milk fat globule membranes, MUC1, or MUC2. MUC3 is distributed in colon and rectum, and is... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SPM200]                                                                                                                                                                                                                                                      |
| Molecular Weight           | 1100kDa                                                                                                                                                                                                                                                       |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4584</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">Q02505</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 min |