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## Product Datasheet

### **Mucin 3(M3.1), CF405S conjugate, 0.1mg/mL, Clone: [M3.1], Mouse, Monoclonal BOT-BNC040990-500**

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mucin 3(M3.1), CF405S conjugate, 0.1mg/mL, Clone: [M3.1], Mouse, Monoclonal                                                                                                                                                                                  |
| Biozol Catalog Number      | BOT-BNC040990-500                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | BNC040990-500                                                                                                                                                                                                                                                |
| Alternative Catalog Number | BOT-BNC040990-500-500UL                                                                                                                                                                                                                                      |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                      |
| Host                       | Mouse                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                   |
| Application                | IHC                                                                                                                                                                                                                                                          |
| Species Reactivity         | Human                                                                                                                                                                                                                                                        |
| Immunogen                  | A synthetic peptide of 35 amino acids, SIB35 (C-HSTPSFTSSITTETTTSHSTPSFTSSITTETTS), which contains two of the MUC3 tandem repeats, coupled to KLH.                                                                                                           |
| Conjugation                | CF405S                                                                                                                                                                                                                                                       |
| Product Description        | This antibody recognizes a protein of HMW, identified as mucin 3 glycoprotein (MUC3). Its epitope localizes between aa SITTE. This MAb shows no cross-reaction with human milk fat globule membranes, MUC1, or MUC2. MUC3 is distributed in colon and rec... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                   |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                    |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [M3.1]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Weight  | 1100 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">Q02505</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |