

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Mucin 5AC (MUC5AC)(45M1), CF405S conjugate, 0.1mg/mL, Clone: [45M1], Mouse, Monoclonal BOT-BNC040031-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mucin 5AC (MUC5AC)(45M1), CF405S conjugate, 0.1mg/mL, Clone: [45M1], Mouse, Monoclonal                                                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC040031-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040031-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040031-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, FC, IHC, WB                                                                                                                                                                                                                                            |
| Species Reactivity         | Feline, Gallus, Human, Mammal, Monkey, Mouse, Porcine, Rabbit, Rat                                                                                                                                                                                            |
| Immunogen                  | M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient                                                                                                                                                             |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This MAb recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is located in the C-terminal cysteine rich part of the peptide core of MUC5AC. The epitope is destroyed by beta-mercaptoethanol but not by period... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [45M1]                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | >1,000 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt           | <a href="#">P98088</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | Flow cytometry: 0.5-1 ug/million cells in 0.1 mL 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 1-2 ug/mL Does not react with cow, others not known Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |