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## Product Datasheet

### **Mucin 6 (MUC6)(MUC6/916), CF647 conjugate, 0.1mg/mL, Clone: [MUC6/916], Mouse, Monoclonal BOT-BNC470916-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mucin 6 (MUC6)(MUC6/916), CF647 conjugate, 0.1mg/mL, Clone: [MUC6/916], Mouse, Monoclonal                                                                                                                                                                     |
| Biozol Catalog Number      | BOT-BNC470916-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC470916-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC470916-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human MUC6 protein                                                                                                                                                                                                                                |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | The MUC6 gastric mucin is a secreted glycoprotein that plays an essential role in epithelial cyto-protection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract. Mucin 6 expression is highest in the st... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [MUC6/916]                                                                                                                                                                                                                                                    |

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 252 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt           | <a href="#">Q6W4X9</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Does not react with rat, others not known Immunohistology formalin-fixed 2-4 ug/mL 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 Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |