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## Product Datasheet

### **MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), CF405S conjugate, 0.1mg/mL, Clone: [VU-4H5], Mouse, Monoclonal BOT-BNC040431-500**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), CF405S conjugate, 0.1mg/mL, Clone: [VU-4H5], Mouse, Monoclonal                                                                                                                                       |
| Artikelnummer            | BOT-BNC040431-500                                                                                                                                                                                                                                             |
| Hersteller Artikelnummer | BNC040431-500                                                                                                                                                                                                                                                 |
| Alternativnummer         | BOT-BNC040431-500-500UL                                                                                                                                                                                                                                       |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC                                                                                                                                                                                                                                                           |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Synthetic glycosylated MUC1 60mer tandem repeat NH2-(HGVTSAPDT(GalNAc)RPAPGSTAPPAHG)3- COOH, conjugated to bovine serum albumin                                                                                                                               |
| Konjugation              | CF405S                                                                                                                                                                                                                                                        |
| Produktbeschreibung      | MAB VU-4H5 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The dominant epitope of MAB VU4H5 is APDTR as established with epitope fingerprinting. VU-4H5 preferentially binds to under... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Klon-Bezeichnung       | [VU-4H5]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molekulargewicht       | 265-400 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt                | <a href="#">P15941</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Puffer                 | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Anwendungsbeschreibung | <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 Immunohistochemistry (formalin-fixed): 0.5-1 ug/mL for 30 minutes at RT Western blot: 1-2 ug/mL Flow cytometry: 0.5-1 ug/million cells Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user</p> |