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## Product Datasheet

### **MUC1 Antibody / Mucin-1 / EMA, Clone: [MUC1/520], Mouse, Monoclonal NSJ-V2725-20UG**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | MUC1 Antibody / Mucin-1 / EMA, Clone: [MUC1/520], Mouse, Monoclonal                                                                                                                                                                                           |
| Artikelnummer            | NSJ-V2725-20UG                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | V2725-20UG                                                                                                                                                                                                                                                    |
| Alternativnummer         | NSJ-V2725-20UG                                                                                                                                                                                                                                                |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC-P, WB                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Human milk-fat globule membranes (HMFGM) was used as the immunogen for the MUC1 antibody.                                                                                                                                                                     |
| Produktbeschreibung      | In Western blotting, it recognizes proteins in MW range of 265-400 kDa, identified as different glycoforms of MUC1/Mucin-1/Epithelial Marker Antigen/EMA. The alpha subunit has cell adhesive properties. It can act both as an adhesion and an anti-adhes... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [MUC1/520]                                                                                                                                                                                                                                                    |
| UniProt                  | <a href="#">P15941</a>                                                                                                                                                                                                                                        |
| Reinheit                 | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung           | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                                                                                                                                                                                                                                                                                                                                                                                                      |
| Antibody Type          | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Verdünnung | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT, Western blot: 1-2ug/ml                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | <p>Optimal dilution of the MUC1 antibody should be determined by the researcher.</p> <p>1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes</p> <p>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</p> |