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## Product Datasheet

### **MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker) Antibody, IgG2a, Clone: [SPM533], Mouse, Monoclonal NBT-4582-MSM2X-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker) Antibody, IgG2a, Clone: [SPM533], Mouse, Monoclonal                                                                                                                                                           |
| Biozol Catalog Number      | NBT-4582-MSM2X-P1ABX                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 4582-MSM2X-P1ABX                                                                                                                                                                                                                                              |
| Alternative Catalog Number | NBT-4582-MSM2X-P1ABX-100                                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Delipidated extract of human milk fat globule membranes                                                                                                                                                                                                       |
| Product Description        | In Western blotting, it recognizes proteins in MW range of 265-400kDa, identified as different glycoforms of EMA. This protein is proteolytically cleaved into alpha and beta subunits that form a heterodimeric complex. The N-terminal alpha subunit and... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SPM533]                                                                                                                                                                                                                                                      |
| Molecular Weight           | 265-400kDa                                                                                                                                                                                                                                                    |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4582</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">P15941</a>                                                                                                                                                                                                                                         |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                         |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                            |
| Application Notes | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)((Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min |