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## Product Datasheet

### **MUC18 / Mucin 18 / CD146(MUC18/1130), 0.2mg/mL, Clone: [MUC18/1130], Mouse, Monoclonal BOT-BNUB1130-500**

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MUC18 / Mucin 18 / CD146(MUC18/1130), 0.2mg/mL, Clone: [MUC18/1130], Mouse, Monoclonal                                                                                                                                                                                     |
| Biozol Catalog Number      | BOT-BNUB1130-500                                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | BNUB1130-500                                                                                                                                                                                                                                                               |
| Alternative Catalog Number | BOT-BNUB1130-500-500UL                                                                                                                                                                                                                                                     |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                    |
| Host                       | Mouse                                                                                                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                                                                                                 |
| Application                | IHC                                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                      |
| Immunogen                  | Recombinant human MUC18 protein                                                                                                                                                                                                                                            |
| Product Description        | The human Mel-CAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC 18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca <sup>2+</sup> -independent cell adhesion molecule. Mel-CAM expre... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                 |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                                  |
| Clone Designation          | [MUC18/1130]                                                                                                                                                                                                                                                               |
| Molecular Weight           | 130 kDa                                                                                                                                                                                                                                                                    |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P43121</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin) Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Immunofluorescence 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user</p> |