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## Product Datasheet

### CD146 Antibody, Clone: [MUC18/1130], Mouse, Monoclonal NSJ-V2699-100UG

|                          |  |
|--------------------------|--|
| Artikelname              | CD146 Antibody, Clone: [MUC18/1130], Mouse, Monoclonal   |
| Artikelnummer            | NSJ-V2699-100UG  |
| Hersteller Artikelnummer | V2699-100UG  |
| Alternativnummer         | NSJ-V2699-100UG  |
| Hersteller               | NSJ Bioreagents  |
| Wirt                     | Mouse  |
| Kategorie                | Antikörper   |
| Applikation              | FACS, IF, IHC-P  |
| Spezies Reaktivität      | Human  |
| Immunogen                | Recombinant human protein was used as the immunogen for the CD146 antibody.  |
| Produktbeschreibung      | 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. CD146 express... |
| Klonalität               | Monoclonal   |
| Klon-Bezeichnung         | [MUC18/1130]   |
| UniProt                  | <a href="#">P43121</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 | Flow cytometry: 0.5-1ug/10 <sup>6</sup> cells, Immunofluorescence: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT   |
| Anwendungsbeschreibung | Optimal dilution of the CD146 antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min2. 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. |