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## Product Datasheet

### Anti-CD31 Antibody, Clone: [SPM532], Mouse, Monoclonal NSJ-V9065-100UG

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Anti-CD31 Antibody, Clone: [SPM532], Mouse, Monoclonal                                                                                                                                                                                                        |
| Artikelnummer            | NSJ-V9065-100UG                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | V9065-100UG                                                                                                                                                                                                                                                   |
| Alternativnummer         | NSJ-V9065-100UG                                                                                                                                                                                                                                               |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IF, IHC-P, WB                                                                                                                                                                                                                                                 |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Human recombinant protein was used as the immunogen for this anti-CD31 antibody.                                                                                                                                                                              |
| Produktbeschreibung      | CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [SPM532]                                                                                                                                                                                                                                                      |
| UniProt                  | <a href="#">P16284</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 | Immunofluorescence: 1-2ug/ml,Western blot: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                                                                                                                                                                                                                                                                         |
| Anwendungsbeschreibung | <p>The optimal dilution of the anti-CD31 antibody for each application should be determined by the researcher.</p> <p>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 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> |