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## Product Datasheet

### Podocalyxin Antibody, Clone: [2A4], Mouse, Monoclonal NSJ-V2792SAF-100UG

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Podocalyxin Antibody, Clone: [2A4], Mouse, Monoclonal                                                                                                                                                                                                         |
| Artikelnummer            | NSJ-V2792SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | V2792SAF-100UG                                                                                                                                                                                                                                                |
| Alternativnummer         | NSJ-V2792SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC-P, WB                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                | A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain of human PODXL was used as the immunogen for the Podocalyxin antibody.                                                                       |
| Produktbeschreibung      | Podocalyxin/PODXL is a member of the CD34 transmembrane sialomucin family. It is over-expressed on the podocyte foot projections and plays essential roles in kidney development and homeostasis, blood filtration and urine formation. It is also express... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [2A4]                                                                                                                                                                                                                                                         |
| UniProt                  | <a href="#">000592</a>                                                                                                                                                                                                                                        |
| Reinheit                 | PEG precipitation                                                                                                                                                                                                                                             |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung           | 1 mg/ml in 1X PBS, BSA free, sodium azide free                                                                                                                                                                                                                                                                                                                                                                                                              |
| Antibody Type          | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Verdünnung | Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT, Western blot: 1-2ug/ml                                                                                                                                                                                                                                                                                                                                                                            |
| Anwendungsbeschreibung | Optimal dilution of the Podocalyxin antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, 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. |