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## Product Datasheet

### Smooth Muscle Actin Antibody, Clone: [SPM332], Mouse, Monoclonal NSJ-V9076SAF-100UG

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Smooth Muscle Actin Antibody, Clone: [SPM332], Mouse, Monoclonal                                                                                                                                                                                              |
| Artikelnummer            | NSJ-V9076SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | V9076SAF-100UG                                                                                                                                                                                                                                                |
| Alternativnummer         | NSJ-V9076SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IF, IHC-P                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | A 10 amino acid peptide from the alpha smooth muscle isoform of actin was used as the immunogen for this Smooth Muscle Actin antibody.                                                                                                                        |
| Produktbeschreibung      | Actin is a major component of the cytoskeleton and is present in most cell types. This mAb is highly specific to actin from smooth muscles. Its epitope lies in the first four N-terminal amino acids. This mAb does not stain cardiac or skeletal muscle,... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [SPM332]                                                                                                                                                                                                                                                      |
| UniProt                  | <a href="#">P62736</a>                                                                                                                                                                                                                                        |
| Reinheit                 | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung           | 1 mg/ml in 1X PBS, BSA free, sodium azide free                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antibody Type          | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application Verdünnung | Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Anwendungsbeschreibung | <p>The optimal dilution of the Smooth Muscle Actin antibody for each application should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.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> |