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## Product Datasheet

### Smooth Muscle Actin Antibody, Clone: [SMAT2-1], Mouse, Monoclonal NSJ-V7150SAF-100UG

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Smooth Muscle Actin Antibody, Clone: [SMAT2-1], Mouse, Monoclonal                                                                                                                                                                                             |
| Artikelnummer            | NSJ-V7150SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | V7150SAF-100UG                                                                                                                                                                                                                                                |
| Alternativnummer         | NSJ-V7150SAF-100UG                                                                                                                                                                                                                                            |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IF, IHC-P                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                | Recombinant full-length human ACTA2 protein was used as the immunogen for the Smooth Muscle Actin antibody.                                                                                                                                                   |
| Produktbeschreibung      | Actins are a family of proteins which are highly conserved and play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus,... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 1 mg/ml in 1X PBS, BSA free, sodium azide free                                                                                                                                                                                                                |
| Klon-Bezeichnung         | [SMAT2-1]                                                                                                                                                                                                                                                     |
| Isotyp                   | Mouse IgG2a, kappa                                                                                                                                                                                                                                            |

|                        |                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt                | <a href="#">P62736</a>                                                                                                                                                                                                                                                                                     |
| Puffer                 | 1 mg/ml in 1X PBS, BSA free, sodium azide free                                                                                                                                                                                                                                                             |
| Reinheit               | Protein G affinity chromatography                                                                                                                                                                                                                                                                          |
| Formulierung           | 1 mg/ml in 1X PBS, BSA free, sodium azide free                                                                                                                                                                                                                                                             |
| Target-Kategorie       | Alpha Actin                                                                                                                                                                                                                                                                                                |
| Antibody Type          | Primary Antibody                                                                                                                                                                                                                                                                                           |
| Application Verdünnung | Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT,Prediluted IHC only format: incubate for 30 min at RT (1)                                                                                                                                                            |
| Anwendungsbeschreibung | Optimal dilution of the Smooth Muscle Actin antibody should be determined by the researcher.1. 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. |