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## Product Datasheet

### Smooth Muscle Actin Antibody, Clone: [SPM332], Mouse, Monoclonal NSJ-V9076-20UG

|                            |   |
|----------------------------|---|
| Article Name               | Smooth Muscle Actin Antibody, Clone: [SPM332], Mouse, Monoclonal  |
| Biozol Catalog Number      | NSJ-V9076-20UG  |
| Supplier Catalog Number    | V9076-20UG  |
| Alternative Catalog Number | NSJ-V9076-20UG  |
| Manufacturer               | NSJ Bioreagents   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IF, IHC-P   |
| Species Reactivity         | 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.  |
| Product Description        | 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,... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [SPM332]  |
| UniProt                    | <a href="#">P62736</a>  |
| Purity                     | Protein G affinity chromatography   |

|                    |   |
|--------------------|---|
| Form               | 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 Dilute | Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT  |
| Application Notes  | 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. |