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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	P62736
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.