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Product Datasheet

Smooth Muscle Actin Antibody, Clone: [SMAT2-1], Mouse, Monoclonal NSJ-V7150-100UG

Article Name	Smooth Muscle Actin Antibody, Clone: [SMAT2-1], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V7150-100UG
Supplier Catalog Number	V7150-100UG
Alternative Catalog Number	NSJ-V7150-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IF, IHC-P
Species Reactivity	Human, Rat
Immunogen	Recombinant full-length human ACTA2 protein was used as the immunogen for the Smooth Muscle Actin antibody.
Product Description	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,...
Clonality	Monoclonal
Concentration	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Clone Designation	[SMAT2-1]
Isotype	Mouse IgG2a, kappa

UniProt	P62736
Buffer	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
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
Target	Alpha Actin
Antibody Type	Primary Antibody
Application Dilute	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)
Application Notes	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.