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Product Datasheet

SM-MHC Antibody, Clone: [SMMS-1], Mouse, Monoclonal NSJ-V2748-100UG

Article Name	SM-MHC Antibody, Clone: [SMMS-1], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2748-100UG
Supplier Catalog Number	V2748-100UG
Alternative Catalog Number	NSJ-V2748-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P
Species Reactivity	Human
Immunogen	Human uterus extract was used as the immunogen for the SM-MHC antibody.
Product Description	Smooth muscle myosin heavy chain (SM-MHC) is a cytoplasmic structural protein, which is a major component of the contractile apparatus in smooth muscle cells. Expression of smooth muscle myosin is developmentally regulated, appearing early in smooth ...
Clonality	Monoclonal
Clone Designation	[SMMS-1]
UniProt	P35749
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	Flow cytometry: 1-2ug/million cells in 0.1ml, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1), Prediluted IHC only format: incubate for 30 min at RT (2)
Application Notes	The stated application concentrations are suggested starting amounts. Optimal dilution of the SM-MHC antibody should be determined by the researcher. 1. Staining of formalin/paraffin tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min. 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.