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Product Datasheet

Mouse anti Desmin, IgG1, Clone: [D33], Monoclonal NMB-MUB0403P

Article Name	Mouse anti Desmin, IgG1, Clone: [D33], Monoclonal
Biozol Catalog Number	NMB-MUB0403P
Supplier Catalog Number	MUB0403P
Alternative Catalog Number	NMB-MUB0403P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ICC, IHC-Fr, IHC-P, WB
Species Reactivity	Gallus, Hamster, Human, Rat
Product Description	Desmin is a 53 kDa intermediate filament protein that exhibits a high degree of tissue specificity, its expression being predominantly confined to all types of muscle cells (cardiac, skeletal and smooth muscle). Regulation of desmin expression is sta...
Clonality	Monoclonal
Clone Designation	[D33]
Isotype	IgG1
UniProt	P17661
Buffer	Each vial contains 100ul 1mg/ml purified monoclonal antibody in phosphate buffered saline (PBS) containing 0.09% sodium azide

Source	D33 is a mouse monoclonal IgG1 antibody derived by fusion of mouse myeloma cells with spleen cells from a BALB/c mouse immunized with purified desmin from a leiomyosarcoma.
Formula	Each vial contains 100ul 1mg/ml purified monoclonal antibody in phosphate buffered saline (PBS) containing 0.09% sodium azide
Application Notes	The D33 antibody is suitable for the detection of desmin by Western blotting and detects a band of 53kDa in muscle tissue extracts. The antibody is also suitable for the detection of desmin by immunocytochemistry on permeabilized cells, and Immunohistochemistry on frozen and formalin fixed, paraffin embedded tissues. The antibody works on paraffin-embedded material without pretreatment with proteolytic enzymes, but the section should be pre-treated using heat mediated antigen retrieval with Tris-buffer containing 1 mM EDTA, pH 9,0 for 20 mins. Optimal antibody dilutions for the different applications should be determined by titration.