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Product Datasheet

Mouse anti actin alpha-cardiac, IgG1, Clone: [22D3], Monoclonal NMB-MUB0109P

Article Name	Mouse anti actin alpha-cardiac, IgG1, Clone: [22D3], Monoclonal
Biozol Catalog Number	NMB-MUB0109P
Supplier Catalog Number	MUB0109P
Alternative Catalog Number	NMB-MUB0109P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, IHC-Fr, IHC-P, WB
Species Reactivity	Goat, Human, Porcine, Rabbit, Rat, Zebrafish
Product Description	Among the six actin isoforms described in mammals, two are found in virtually all cells (beta- and gamma-cytoplasmic), two are detected in smooth muscle cells (alpha- and gamma-smooth muscle) and two are present in striated muscles, one predominantly...
Clonality	Monoclonal
Clone Designation	[22D3]
Isotype	IgG1
UniProt	P68032
Buffer	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Source	22D3 is a Mouse monoclonal IgG1 antibody derived by fusion of NS0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a peptide comprising the N-terminal nonapeptide of alpha-cardiac actin with an acetylated N-terminus (Ac-DDEETTALVC-
Application Notes	22D3 is useful for immunohistochemistry on frozen and paraffin-embedded tissues, immunoblotting and ELISA. Optimal antibody dilutions should be determined by titration, recommended range is 1:100 - 1:1000 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:1000 - 1:5000 for immunoblotting applications.