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Product Datasheet

Mouse anti actin beta-cytoplasmic, IgG1, Clone: [4C2], Monoclonal NMB-MUB0110P

Article Name	Mouse anti actin beta-cytoplasmic, IgG1, Clone: [4C2], Monoclonal
Biozol Catalog Number	NMB-MUB0110P
Supplier Catalog Number	MUB0110P
Alternative Catalog Number	NMB-MUB0110P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, FC, IHC-Fr, IHC-P, WB
Species Reactivity	Gallus, Human, Mouse, 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	[4C2]
Isotype	IgG1
UniProt	P60709
Buffer	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Source	4C2 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 beta-cytoplasmic actin with an acetylated N-terminus (Ac-DDDIAALVV
Formula	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.
Application Notes	4C2 is useful for immunohistochemistry on frozen and paraffin-embedded tissues, immunoblotting, flow cytometry and ELISA. Optimal antibody dilution should be determined by titration, recommended range is 1:100 - 1:500 for immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent, and 1:1000 - 1:5000 for immunoblotting applications.