BIOZOL

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Product Datasheet

Mouse anti Cardiotin, IgM, Clone: [R2G], Monoclonal
NMB-MUB0307P

Article Name	Mouse anti Cardiotin, IgM, Clone: [R2G], Monoclonal
Biozol Catalog Number	NMB-MUB0307P
Supplier Catalog Number	MUB0307P
Alternative Catalog Number	NMB-MUB0307P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	IHC-Fr, IHC-P, WB
Species Reactivity	Canine, Feline, Goat, Hamster, Human, Monkey, Mouse, Rabbit, Rat, Xenopus, Zebrafish
Product Description	Cardiotin is a high molecular weight protein complex (300 kDa) loCated in the mitochondria of cardiomyocytes and skeletal muscle. The cardiotin structure exists of subunits of 60 kDa and 100 kDa, probably in a tetrameric configuRation. Both subunits ...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[R2G]
Isotype	IgM
UniProt	multiple

Buffer	Each vial contains 0.1 ml monoclonal antibody in PBS containing 0.09% sodium azide. The antibody is purified by ammonium sulphate precipitation and will threfore contains fetal calf serum derived protein contaminants
Source	R2G is a mouse monoclonal IgM antibody derived by fusion of SP2/0-Ag14 mouse myeloma cells, with spleen cells from a mouse immunized with a total protein extract of chicken gizzard.
Purity	Ammonium sulphate precipitation
Application Notes	R2G is useful for immunohistochemistry on frozen and paraffin-embedded tissue and immunoblotting. In immunoblotting assays R2G reacts with the 300 kDa cardiotin protein complex and its 100 kDa and 60 kDa subunits. Recommended range is 1:25 - 1:100 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent. Optimal antibody dilution for immunoblotting applications should be determined by titration.