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## Product Datasheet

### Mouse anti Cardiotin, IgM, Clone: [SR-2], Monoclonal NMB-MUB0308P

Article Name	Mouse anti Cardiotin, IgM, Clone: [SR-2], Monoclonal
Biozol Catalog Number	NMB-MUB0308P
Supplier Catalog Number	MUB0308P
Alternative Catalog Number	NMB-MUB0308P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	IHC-Fr, IHC-P, WB
Species Reactivity	Human, Porcine
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
Clone Designation	[SR-2]
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 therefore contain fetal calf serum derived protein contaminants.

Source	SR-2 is a Mouse monoclonal IgM antibody derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with the 100 kDa cardiotin subunit.
Purity	Ammonium sulphate precipitation
Application Notes	SR-2 is useful for immunohistochemistry on frozen and paraffin-embedded tissue and immunoblotting. In immunoblotting assays SR-2 reacts with the 300 kDa cardiotin protein complex and its 100 kDa and 60 kDa subunits. Optimal antibody dilution should be determined by titration, recommended range is 1:25 - 1:100 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:50 - 1:500 for immunoblotting applications.