

Mouse Monoclonal Antibody to MYL2

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Catalogue Number	sAP-0265
Target Molecule	Name: MYL2 Aliases: MLC2; CMH10; DKFZp779C0562 MW: 19kDa Entrez Gene ID: 4633
Description	MYL2(myosin, light chain 2, regulatory, cardiac, slow), also known as MLC-2, MLC2v. Entrez protein NP_000423. MYL2 associated with cardiac myosin beta (or slow) heavy chain. Ca ⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. It is an hexamer of two heavy chains and four light chains that is predominantly expressed in adult cardiac ventricle muscle. Mutations in MYL2 are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.
Immunogen	Purified recombinant fragment of MYL2 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM7C9;
Size and Concentration	100 μ g/1mg/ml
Supplied as	Lyophilized Powder from 100 μ l of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100 μ l sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. DNA Seq. 2003 Oct;14(5):339-50. ; 2. Oncogene. 2002 Aug 29;21(38):5852-60.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**