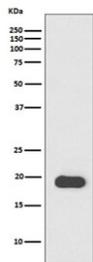


## MLC2 Antibody / Myosin Light Chain 2 / MYL2 [clone FHO-13] (RQ5348)

Catalog No.	Formulation	Size
RQ5348	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	FHO-13
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P10916
<b>Applications</b>	Western Blot : 1:1000-1:5000
<b>Limitations</b>	This MLC2 antibody is available for research use only.



Western blot testing of mouse heart lysate with MLC2 antibody. Predicted molecular weight ~19 kDa.

### Description

The MYL2 gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca<sup>2+</sup> triggers the phosphorylation of regulatory light chain that in turn triggers contraction. Mutations in this gene are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.

### Application Notes

Optimal dilution of the MLC2 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human Myosin Light Chain 2 / MYL2 was used as the immunogen for the MLC2 antibody.

## **Storage**

Store the MLC2 antibody at -20oC.