

MYL2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 19kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MYL2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MLC2; CMH10;

Catalog #: A5473

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4633

Isotype: IgG

Swiss Prot: P10916

Purity: Affinity purification

For research use only.

Background:

Thus gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca⁺ 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.

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