

## MYL2

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**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;

**Background:**

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

*To place an order, please [Click HERE](#).*

**Catalog #:**A5473

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4633

**Isotype:**IgG

**Swiss Prot:**P10916

**Purity:**Affinity purification

For research use only.