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**Product Information**

|                     |          |                      |        |                    |             |
|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB14188 | <b>Gene ID:</b>      | 4633   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Mouse,Rat   |

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**Additional Information**

|                       |       |                   |              |
|-----------------------|-------|-------------------|--------------|
| <b>Observed MW:</b>   | 19kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 19kDa | <b>Isotype:</b>   | IgG          |

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**Immunogen Information**

**Background:** This gene encodes a major sarcomeric protein in mammalian striated muscle. The encoded protein plays a role in embryonic heart muscle structure and function, while phosphorylation of the encoded protein is involved in cardiac myosin cycling kinetics, torsion and function in adults. Mutations in this gene are associated with hypertrophic cardiomyopathy 10 and infant-onset myopathy.

**Recommended Dilution:** WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

**Synonyms:** MLC2; CMH10; MFM12; MLC-2; MLC-2v; MLC-2s/v; MYL2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-166 of human MYL2 (NP\_000423.2).

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