

## Recombinant Myosin Light Chain 2 Monoclonal Antibody

catalog number: **AN300894L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

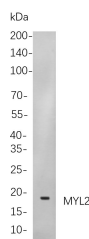
|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human;Mouse;Rat   |
| <b>Immunogen</b>    | Recombinant Human Myosin Light Chain 2 protein                  |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG, $\kappa$   |
| <b>Clone</b>        | 7C7   |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|           |                |
|-----------|----------------|
| <b>WB</b> | 1:2000-1:10000 |
|-----------|----------------|

### Data



Western Blot with Recombinant Myosin Light Chain 2 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:  
Rat heart cells.

**Observed-MW:18 kDa**

**Calculated-MW:18 kDa**

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag   |

### Background

This 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.

### For Research Use Only

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