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# **Recombinant Myosin Light Chain 2 Monoclonal Antibody**

catalog number: AN300894L

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

#### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Myosin Light Chain 2 protein

HostRabbitIsotype $IgG,\kappa$ CloneB841PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

WB 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

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

This 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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