

## MYL12B Rabbit pAb

CatalogNo: YN6312

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 19kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human MYL12B

#### Specificity

This antibody detects endogenous levels of MYL12B at Human, Mouse, Rat

### Target Information

#### Gene name

MYL12B MRLC2 MYLC2B

**Protein Name** Myosin regulatory light chain 12B (MLC-2A) (MLC-2) (Myosin regulatory light chain 2-B, smooth muscle isoform) (Myosin regulatory light chain 20 kDa) (MLC20) (Myosin regulatory light chain MRLC2) (SHUJUN-1)

Organism	Gene ID	UniProt ID
Human	<a href="#">103910</a> ;	<a href="#">O14950</a> ;
Mouse	<a href="#">67938</a> ;	<a href="#">Q3THE2</a> ;
Rat	<a href="#">50685</a> ;	<a href="#">P18666</a> ;

**Tissue specificity** Ubiquitously expressed in various hematopoietic cells.

**Function** Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Phosphorylation triggers actin polymerization in vascular smooth muscle. Implicated in cytokinesis, receptor capping, and cell locomotion.

## Validation Data

## Contact information

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**MYL12B Rabbit pAb**

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