

# Anti-Myosin Light Chain 2 [R08-2D2] Monoclonal Antibody

## AGMB02734

### Description

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This Anti-Myosin Light Chain 2 [R08-2D2] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	AGMB02734
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	MYL2, Myosin regulatory light chain 2, ventricular/cardiac muscle isoform, MLC-2, MLC-2v, MLC2, CMH10, MFM12, MLC-2, MLC-2v, MLC-2s/v, MYL2
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>IP</b>
<b>Research Area:</b>	Signal Transduction
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R08-2D2
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P10916
<b>Immunogen:</b>	A synthesized peptide derived from human Myosin Light Chain 2
<b>Gene ID:</b>	4633

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** MYL2  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Chromatography  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 19 kDa, Observed MW: 19 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
 Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:1000-1:2000
	IHC	1:100-1:200
	IP	1:50

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.