



# Myosin Light Chain 2 (phospho-Thr19/Ser20) mouse mAb

|                                  |   |
|----------------------------------|---|
| <b>Catalog No</b>                | YP-mAb-03071  |
| <b>Isotype</b>                   | IgG   |
| <b>Reactivity</b>                | Human;Mouse;Rat   |
| <b>Applications</b>              | WB;IHC-p  |
| <b>Gene Name</b>                 | MYL9 MLC2 MRLC1 MYRL2   |
| <b>Protein Name</b>              | Myosin Light Chain 2 (Thr19/Ser20)  |
| <b>Immunogen</b>                 | Synthesized phospho peptide around human Myosin Light Chain 2 (Thr19 and Ser20)   |
| <b>Specificity</b>               | This antibody detects endogenous levels of Human Mouse Myosin Light Chain 2 (phospho-Thr19 or Ser20)  |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source</b>                    | Monoclonal, mouse,IgG   |
| <b>Purification</b>              | The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.  |
| <b>Dilution</b>                  | WB 1:500-2000;IHC-p 1:50-300  |
| <b>Concentration</b>             | 1 mg/ml   |
| <b>Purity</b>                    | ≥90%  |
| <b>Storage Stability</b>         | -20°C/1 year  |
| <b>Synonyms</b>                  | Myosin regulatory light polypeptide 9 (20 kDa myosin light chain) (LC20) (MLC-2C) (Myosin RLC) (Myosin regulatory light chain 2, smooth muscle isoform) (Myosin regulatory light chain 9) (Myosin regulatory light chain MRLC1) |
| <b>Observed Band</b>             | 18  |
| <b>Cell Pathway</b>              | Cytoplasm, cytoskeleton . Cytoplasm, cell cortex . Colocalizes with F-actin, MYH9 and PIEZO1 at the actomyosin cortex in myoblasts. .   |
| <b>Tissue Specificity</b>        | Smooth muscle tissues and in some, but not all, nonmuscle cells.  |
| <b>Function</b>                  |   |
| <b>Background</b>                |   |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!  |



**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**