

MYL2 monoclonal antibody

Catalog: MB11265

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

Myosin is composed of six polypeptide chains: two identical heavy chains and two pairs of light chains. Myosin light chain 2 (MLC2), also known as myosin regulatory light chain (MRLC), RLC, or LC20, has many isoforms depending on its distribution. In smooth muscle, MLC2 is phosphorylated at Thr18 and Ser19 by myosin light chain kinase (MLCK) in a Ca²⁺/calmodulin-dependent manner.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 19 kDa; Observed MW: 19 kDa

Swiss-Prot:

P10916

Purification&Purity:

Affinity Purified

Applications:

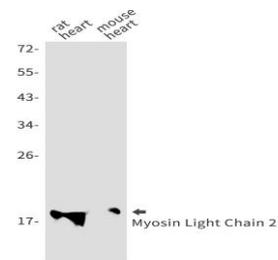
WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Myosin Light Chain 2 in rat heart, mouse heart lysates using MYL2 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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