
MYL2 (7C9) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252865

Unit: 0.1 ml

Description:

MYL2 (Myosin light chain 2) is associated with cardiac myosin beta (or slow) heavy chain. Ca⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. It is a hexamer of two heavy chains and four light chains that is predominantly expressed in adult cardiac ventricle muscle. Mutations in MYL2 are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Myosin regulatory light chain 2, ventricular/cardiac muscle isoform; MLC-2; MLC-2v; MYL2

Accession No.: P10916

Antigen: Purified recombinant fragment of MYL2 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.