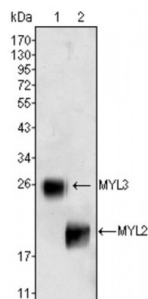


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Myosin Light Chain 2, Regulatory, Cardiac (MYL2) Antibody

Catalogue No.: abx011220



Western blot analysis using MYL3 (1) and MYL2 (2) antibody against rat fetal heart tissue lysate.

MYL2 (myosin, light chain 2, regulatory, cardiac, slow), also known as MLC-2, MLC2v. Entrez protein NP000423. MYL2 associated with cardiac myosin beta (or slow) heavy chain. Ca^{2+} triggers the phosphorylation of regulatory light chain that in turn triggers contraction. It is an hexamer of two heavy chains and four light chains that is predominantly expressed in adult cardiac ventricle muscle.

Target: MYL2

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: ELISA, WB

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Purified recombinant fragment of MYL2 expressed in E. Coli.

Purification: Unpurified Ascites.

Isotype: IgG₁

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 19 kDa

Swiss Prot: [P24844](#)

GeneID: [4633](#)

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Gene Symbol: MYL9

OMIM: [160781](#)

HGNC: 15754

Ensembl: ENSG00000101335

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.