BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-Myosin Light Chain 2/MLC-2V/MYL2 (S15) Antibody

Catalog Number: P03215

About MYL2

Myosin regulatory light chain 2, ventricular/cardiac muscle isoform (MLC-2) also known as the regulatory light chain of myosin (RLC) is a protein that in humans is encoded by the MYL2 gene. This gene encodes a major sarcomeric protein in mammalian striated muscle. The encoded protein plays a role in embryonic heart muscle structure and function, while phosphorylation of the encoded protein is involved in cardiac myosin cycling kinetics, torsion and function in adults. Mutations in this gene are associated with hypertrophic cardiomyopathy 10 and infant-onset myopathy.

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Overview

Product Name	Anti-Phospho-Myosin Light Chain 2/MLC-2V/MYL2 (S15) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Myosin Light Chain 2/MLC-2V/MYL2 (S15) Antibody catalog # P03215. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P10916

Technical Details

Immunogen	A synthesized peptide derived from human MLC2 around the phosphorylation site of Ser15.
Form	Liquid

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Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.