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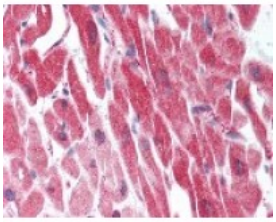
MYL9 Antibody

CATALOG NUMBER: 48-706



Immunohistochemistry staining of MYL9 in heart (formalin-fixed paraffin embedded) tissue using MYL9 Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	MYL9 antibody can be used in ELISA, Western Blot starting at 1:500 - 1:2000, immunohistochemistry starting at 1:200, immunofluorescence starting at 1:200 - 1:1000, and flow cytometry starting at 1:200 - 1:400.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	pSer18
IMMUNOGEN:	MYL9 antibody was raised against amino acids surrounding Ser 18 of MYL9 (Mouse).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
STORAGE CONDITIONS:	Store MYL9 antibody at 4 ˚C or -20 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MYL9, 20 kDa myosin light chain, LC20, MLC-2C, MLC2, Myosin RLC, MRLC1, MYRL2
ACCESSION NO.:	P24844
PROTEIN GI NO.:	20141521
OFFICIAL SYMBOL:	MYL9
GENE ID:	10398

Background

BACKGROUND:	Myosin, the major component of muscle filaments, is a long asymmetric molecule containing a globular head and a long tail. It is composed of two heavy chains and four light chains. Phosphorylation of myosin light chain in response to increased calcium levels leads to contraction. Myosin light chain phosphatase acts to regulate muscle contraction by dephosphorylating activated myosin light chain.

FOR RESEARCH USE ONLY

December 13, 2016