

MYL9 (Phospho-Thr18/Ser19) Rabbit mAb

Catalog No: #14318

Package Size: #14318-1 50ul #14318-2 100ul

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Description

Product Name	MYL9 (Phospho-Thr18/Ser19) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4358
Purification	Protein A
Applications	WB, ICC/IF, IHC
Species Reactivity	Human;Mouse;Rat
Specificity	MYL9 (Phospho Thr18/Ser19) Antibody detects endogenous levels of MYL9 protein only when phosphorylated at Thr18/Ser19.
Target Name	Myosin Light Chain 2
Modification	Phospho
Other Names	MYL9;MLC2;MRLC1;MYRL2;Myosin regulatory light polypeptide 9;20 kDa myosin light chain;LC20;MLC-2C;Myosin RLC;Myosin regulatory light chain 2;smooth muscle isoform;Myosin regulatory light chain 9;Myosin regulatory light chain MRL
Accession No.	P24844
Calculated MW	Predicted band size: 20 kDa
SDS-PAGE MW	Observed band size: 20 kDa
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage	Store at -20°C /1 year

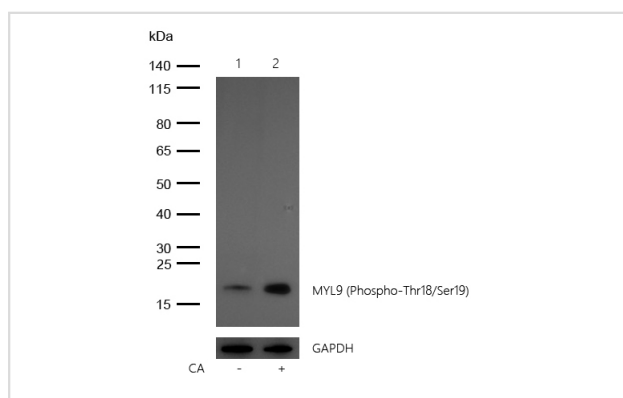
Application Details

WB: 1:500-1:2000

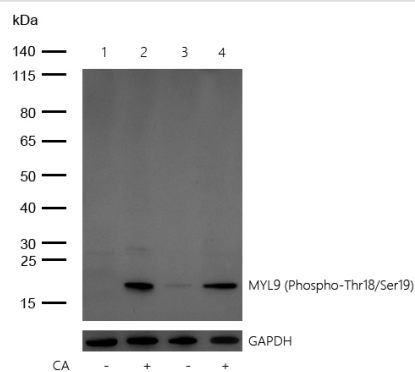
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

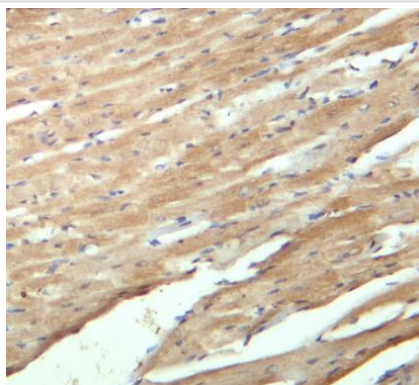
Images



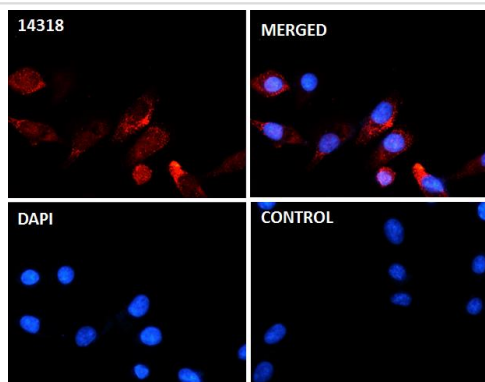
All lanes : MYL9 (Phospho-Thr18/Ser19) Rabbit mAb at 1/1k dilution
 Lane 1 : HeLa whole cell lysates
 Lane 2 : HeLa treated with 100nM Calyculin A for 30 minutes whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 20 kDa Observed band size: 20 kDa
 Exposure time: 5 seconds



All lanes : MYL9 (Phospho-Thr18/Ser19) Rabbit mAb at 1/1k dilution
 Lane 1 : PC12 whole cell lysates
 Lane 2 : PC12 treated with 100nM Calyculin A for 30 minutes whole cell lysates
 Lane 3 : C2C12 whole cell lysates
 Lane 4 : C2C12 treated with 100nM Calyculin A for 30 minutes whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 20 kDa
 Observed band size: 20 kDa
 Exposure time: 6 seconds



Formalin-fixed, paraffin-embedded mouse cardiac muscle tissue stained for MYL9 (Phospho-Thr18/Ser19) using 14318 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/Immunofluorescence MYL9 (Phospho-Thr18/Ser19) antibody (14318)
 ICC/IF staining of MYL9 (Phospho-Thr18/Ser19) in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 14318 at a working dilution of 1/100. The secondary antibody was Alexa Fluor 647 goat anti rabbit, used at a dilution of 1/500. The negative control is shown in bottom right hand panel - for the negative control. Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.