Myosin Light Chain 2 Antibody

Catalog No: #21157

Package Size: #21157-1 50ul #21157-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Myosin Light Chain 2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total Myosin Light Chain 2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.17~21 (A-T-S-N-V) derived from Human Myosin Light Chain 2.
Conjugates	Unconjugated
Target Name	MLC2
Other Names	LC20, MLC2, MRLC1, MYRL2, MLC-2C
Accession No.	Swiss-Prot: P24844NCBI Protein: NP_006088.2
SDS-PAGE MW	18kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

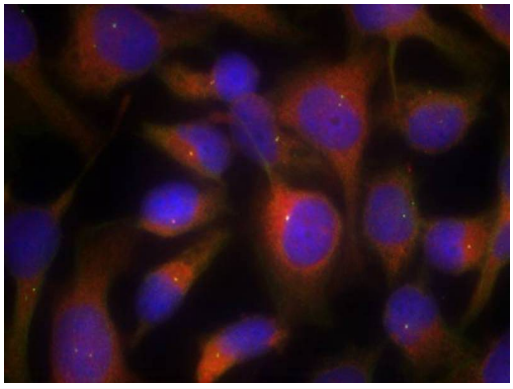
Application Details

Predicted MW: 18kd

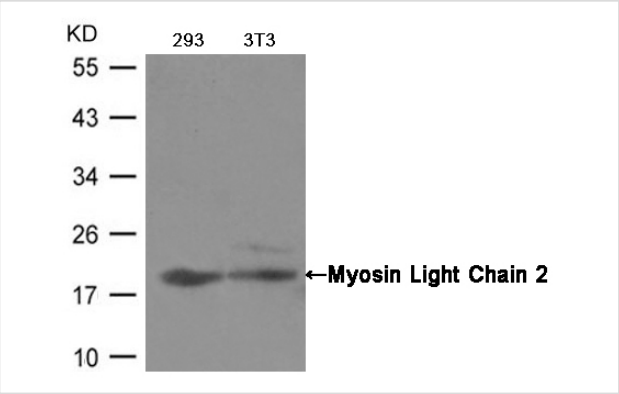
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed Hela cells using Myosin Light Chain 2(Ab-19) Antibody #21157.



Western blot analysis of extracts from293 and 3T3 cells using Myosin Light Chain 2 (Ab-19) Antibody #21157.

Background

Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor capping, and cell locomotion

Janiak A, et al. (2006) Mol Biol Cell. Apr; 17(4): 1606-1619.

Croft DR, et al. (2006) Mol Cell Biol. 2 Jun; 26(12): 4612-4627

Li Z, et al. (2006) Mol Cell Biol. Jun; 26(11): 4240-4256

Published Papers

el at., Tetramethylpyrazine Suppresses the Enhanced Ca2+ Sensitivity through Inhibiting the Expression of RhoA-ROCK in Artery of Simulated Weightlessness Rats., , (2022)

PMID:

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