Phospho-MYL9 (Ser15) Antibody

PACO24214

Product Information

Size:

100ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000, IF:1:100-1:200

Protein 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.1) Xia, Y. et al. c-Jun downregulation by HDAC3-dependent transcriptionalrepression promotes osmotic stress-induced cell apoptosis. Mol. Cell 25,219–232 (2007).2)Vander Heiden, M. G. et al. Evidence for an alternative glycolytic pathway inrapidly proliferating cells. Science 329, 1492–1499 (2010).3) Fang, D. et al. Phosphorylation of beta-catenin by AKT promotes beta-catenintranscriptional activity. J. Biol. Chem. 282, 11221–11229 (2007).

Gene ID:

MYL9

Uniprot

P24844

Synonyms:

MLC2; MRLC1; MYRL2

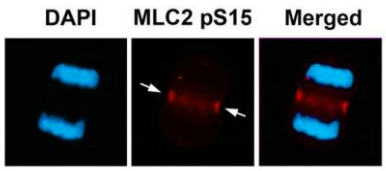
Immunogen:

Peptide sequence around phosphorylation site of serine 15 (A-N-S(p)-N-V) derived from Human MLC2.

Storage:

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.

Product Images



Immunofluorescence staining of methanol-fixed U87 cells using MLC2 (Phospho-Ser15) Antibody.