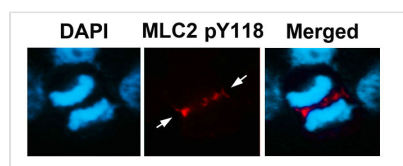


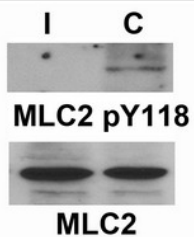
Phospho-MYL9 (Tyr118) Antibody

Product Code	CSB-PA695753
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P24844
Immunogen	Peptide sequence around phosphorylation site of tyrosine 118 (A-D-Y(p)-V-R) derived from Human MLC2.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of MLC2 only when phosphorylated at tyrosine 118.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
Relevance	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 transcriptional repression 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 in rapidly proliferating cells. Science 329, 1492–1499 (2010).3) Fang, D. et al. Phosphorylation of beta-catenin by AKT promotes beta-catenin transcriptional activity. J. Biol. Chem. 282, 11221–11229 (2007).
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Clonality	Polyclonal
Alias	MLC2;?RLC1; MYRL2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MYL9

Image



Immunofluorescence staining of methanol-fixed U87 cells using MLC2 (Phospho-Tyr118) Antibody.



U87 cells were synchronized in I (interphase) and C (Cytokinesis) respectively, then were harvested for immunoblotting.

Product Modify

Phospho-Tyr118