

Anti-MLC2 / MYL9 Antibody (aa3-52)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18013

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	P24844
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	19827

Additional Information

Gene ID	10398
Alias Symbol	MYL9
Other Names	MYL9, 20 kDa myosin light chain, LC20, MLC-2C, MLC2, Myosin RLC, MRLC1, MYRL2
Target/Specificity	MRLC2 (Ab-18) Antibody detects endogenous levels of total MRLC2 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MLC2 / MYL9 Antibody (aa3-52) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MYL9
Synonyms	MLC2, MRLC1, MYRL2
Function	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 (PubMed: 11942626 , PubMed: 2526655). In myoblasts, may regulate PIEZO1-dependent cortical actomyosin assembly involved in myotube formation (By similarity).
Cellular Location	Cytoplasm, cytoskeleton {ECO:0000250 UniProtKB:Q9CQ19}. Cytoplasm, cell cortex {ECO:0000250 UniProtKB:Q9CQ19}. Note=Colocalizes with F-actin, MYH9 and PIEZO1 at the actomyosin cortex in myoblasts {ECO:0000250 UniProtKB:Q9CQ19}

Tissue Location

Smooth muscle tissues and in some, but not all, nonmuscle cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.