

Anti-MLC2 / MYL9 Antibody (aa3-52)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18013**Specification**

Anti-MLC2 / MYL9 Antibody (aa3-52) - Product Information

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

Anti-MLC2 / MYL9 Antibody (aa3-52) - 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.

Anti-MLC2 / MYL9 Antibody (aa3-52) - 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](http://www.uniprot.org/citations/11942626), PubMed: [2526655](http://www.uniprot.org/citations/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.

Anti-MLC2 / MYL9 Antibody (aa3-52) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MLC2 / MYL9 Antibody (aa3-52) - Images