

MRLC2 Antibody | anti-MRLC2 antibody

MRLC2 (Ab-18) Antibody

CATALOG # AAA111797	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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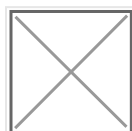
PRODUCT SYNONYMS

MRLC2; MRLC2 (Ab-18) Antibody; MLCB; MLRA; MLRM; MRCL3; Myosin RLC; Myosin RLC-A; Myosin regulatory light chain; Myosin regulatory light chain 2; nonsarcomeric; Myosin regulatory light chain 2-A; smooth muscle isoform; RLC; RLC-A; anti-MRLC2 antibody

PRODUCT SPECIFICATIONS

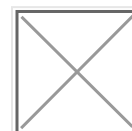
Reactivity	Human, Mouse, Rat
Specificity	Myosin regulatory light chain 2 (Ab-18) antibody detects endogenous levels of total Myosin regulatory light chain 2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	172
Applicable Applications for anti-MRLC2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Myosin regulatory light chain 2 around the phosphorylation site of serine 18 (A-T-SP-N-V).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Myosin regulatory light chain 2 (Ab-18) antibody. Western blot analysis of extracts from COLO205 cells, using Myosin regulatory light chain 2 (Ab-18) antibody.



Application Data

Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-MRLC2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	James Gulick, Circ. Res., May 1997; 80: 655-664. Alice M. Rushforth, Genetics, Nov 1998; 150: 1067. S Navankasattusas, Mol. Cell. Biol., Nov 1994; 14: 7331-7339. Wolfgang Rottbauer, Circ. Res., Aug 2006; 99: 323-331.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21728376
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NCBI GeneID	67938
NCBI Accession #	NP_075891.1
NCBI GenBank Nucleotide #	NM_023402.2
UniProt Accession #	Q9CQL8; Q3TVH2; Q3THE2
Molecular Weight	19,779 Da
NCBI Official Full Name	myosin regulatory light chain 12B
NCBI Official Synonym Full Names	myosin, light chain 12B, regulatory
NCBI Official Symbol	Myl12b
NCBI Official Synonym Symbols	RLC-B; C77744; Mylc2b; 1500001M02Rik
NCBI Protein Information	myosin regulatory light chain 12B
UniProt Protein Name	Myosin regulatory light chain 12B
UniProt Gene Name	Myl12b
UniProt Synonym Gene Names	Mrlc2; Mylc2b; MLC20

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/mrlc2/111797>