

Rabbit MRLC2 Polyclonal Antibody | anti-MRLC2 antibody

MRLC2 Antibody (Ser18)

CATALOG # AAA226049	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MRLC2; Polyclonal Antibody; MRLC2 Antibody (Ser18); Rabbit Polyclonal MRLC2 Antibody (Ser18); Polyclonal MRLC2 antibody; Anti-MRLC2 antibody; ML12B antibody; MLC-2 antibody; MLC-2A antibody; MLC-B antibody; MLC20 antibody; MRLC2 antibody; MYL12B antibody; MYLC2B antibody; Myosin regulatory light chain 12B antibody; myosin regulatory light chain 2 antibody; Myosin regulatory light chain 2-B smooth muscle isoform antibody; Myosin regulatory light chain 20 kDa antibody; Myosin regulatory light chain MRLC2 antibody; myosin light chain 12B regulatory antibody; SHUJUN-1 antibody; anti-MRLC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	MRLC2 antibody (Ser18) detects endogenous levels of Myosin LightChain 2 only when phosphorylated at serine 18
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-MRLC2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	MRLC2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human MRLC2 around the phosphorylation site of serine 18 (A-T-SP-N-V) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MRLC2 antibody (Ser18)



WB (Western Blot)

Western blot analysis of extracts from mouse heart tissue using Myosin Light Chain 2 (Phospho-Ser18) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRLC2 antibody	The activity of nonmuscle myosin II is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments.
Product Categories/Family for anti-MRLC2 antibody	Cell Biology

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/polyclonal/mrlc2-antibody-immunohistochemistry-western-blot-elisa/226049>