

## Anti-Phospho-MYL9 (Thr19, Ser20) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 18 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

## Applications

Application:	WB
Recommended	WB: 1:1000-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human Myosin Light Chain 2 around the phosphorylation site of Thr19 and Ser20
Antigen Species:	human
Uniprot ID:	P24844
Synonyms:	MYL9;20 kDa myosin light chain (LC20);MYL9 (p-Thr19, Ser20);p-MYL9 (Thr19, Ser20);MLC-2C; Myosin regulatory light chain 2, smooth muscle isoform;MYL9 (p-T19, S20);Myosin regulatory light chain MRLC1;p-MYL9 (T19, S20);MYRL2;MLC2;Myosin regulatory light polypeptide 9; Myosin regulatory light chain 9;MRLC1;Myosin RLC

## Research Background

myosin light chain 9(MYL9) Homo sapiens Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

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