

Myosin Light Chain 2 (phospho Ser19) antibody

Cat. No. GTX50178

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
IHC-P	1:50-1:100

Not tested in other applications.

Calculated MW 20 kDa. ([Note](#))

Product Note

This antibody detects Myosin light chain 2, smooth muscle isoform (MYL9, also known as LC20) that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation.

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of serine 19 (A-T-S(p)-N-V) derived from human Myosin Light chain 2.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated



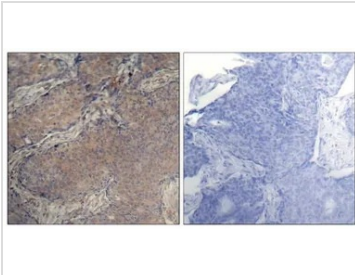
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Date 2026 / 10 / 09 Page 1 of 2

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Note

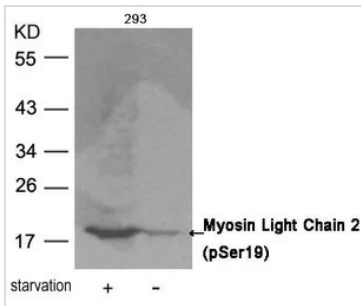
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX50178 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTX50178 Myosin Light chain 2 (phospho Ser19) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide


GTX50178 WB Image

WB analysis of extracts from 293 cells untreated or treated with starvation using GTX50178 Myosin Light chain 2 (phospho Ser19) antibody.



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