

Anti-Phospho-MYL9 (Ser19) Polyclonal Antibody

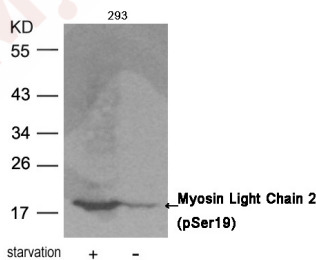
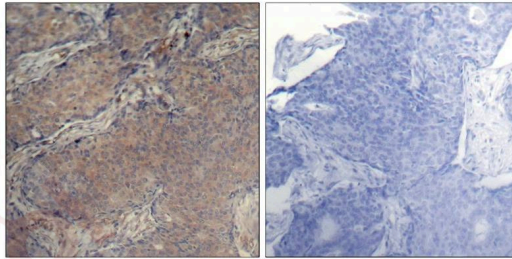
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myosin Light Chain 2 (Phospho-Ser19) Antibody TMAC-02728 (left) or the same antibody preincubated with blocking peptide (right).
2. Western blot analysis of extracts from 293 cells untreated or treated with starvation using Myosin Light Chain 2 (Phospho-Ser19) Antibody TMAC-02728.



Application: IHC,WB

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of serine 19 (A-T-S(p)-N-V) derived from Human Myosin Light Chain 2
Antigen Species:	Human
Uniprot ID:	P24844
Synonyms:	MLC2;MYL9 (p-S19);p-MYL9 (S19);Myosin regulatory light chain 2, smooth muscle isoform;MYL9 (p-Ser19);19 kDa myosin light chain (LC19);Myosin regulatory light chain 9;MYL9;Myosin RLC; Myosin regulatory light chain MRLC1;MLC-2C;Myosin regulatory light polypeptide 9;MRLC1; MYRL2;p-MYL9 (Ser19)

Research Background

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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