Recombinant Phospho-Myosin Light Chain 2 (Thr18, Ser19) Monoclonal Antibody

catalog number: AN300224L

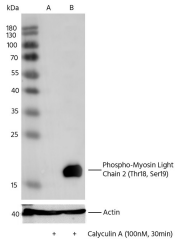
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to the residues around (Thr18, Ser19) of Human Phospho-Myosin Light Chain 2
Host	Rabbit
Isotype	IgG
Clone	B142
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

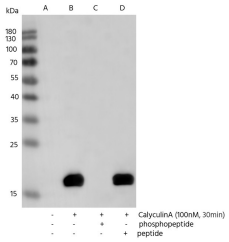
Applications	Recommended Dilution
WB	1:10000-1:100000

Data



Western blot analysis of extracts from serum-starved Hela, untreated (line A) or treated with CalyculinA (100nM, 30min) (line B), using Phospho-Myosin Light Chain 2 (Thr18, Ser19) Monoclonal Antibody at 1:10000 dilution (upper) or Anti-Actin Antibody, Chimeric Rabbit Monoclonal at 1:50000 dilution (lower).

Observed-MW:18 kDa
Calculated-MW:20 kDa



Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with Calyculin A (100nM, 30min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-Myosin Light Chain 2 (Thr18, Ser19) Monoclonal Antibody at 1:10000 dilution.

Observed-MW:18 kDa
Calculated-MW:20 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

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.

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017