Phospho-MRLC1 (Ser19) Ab

Cat.#: AF5443  
Concn.: 1mg/ml  
Mol.Wt.: 20 kDa

Size: 100ul, 200ul  
Source: Rabbit  
Clonality: Polyclonal

Application:  
WB 1:500-1:2000, IHC 1:50-1:200

Reactivity:  
Human, Mouse, Rat

Purification:  
The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Specificity:  
Phospho-MRLC1 (Ser19) Ab detects endogenous levels of total Phospho-MRLC1 (Ser19).

Immunogen:  
A synthesized peptide derived from human MRLC1 around the phosphorylation site of Ser19.

Uniprot:  
p24844

Description:  
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.

Tissue Specificity:  
Smooth muscle tissues and in some, but not all, nonmuscle cells.

Storage Condition and Buffer:  
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Western blot analysis of Phospho-MRLC1 (Ser19) expression in K562 cell extract. The lane on the left was treated with the antigen-specific peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.