

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-MYL9 (S19) Peptide

Cat No.: BS4845P

Background

Myosin regulatory light chains, including MRCL3 (also known as MRLC3 or MLCB), MRLC2 (also known as MLC-B) and MYL9 (also known as LC20, MLC2, MRLC1 or MYRL2), regulate contraction in smooth muscle and non-muscle cells via phosphorylation by myosin light chain kinase (MLCK). Phosphorylation of myosin regulatory light chains, catalyzed by MLCK in the presence of calcium and calmodulin, increases the Actin-activated myosin ATPase activity, thereby regulating the contractile activity. Myosin light chain is also located in striated skeletal muscle, where its function remains undefined.

Swiss-Prot

P24844/P19105

Applications

Blocking

Specificity

This peptide can be used with studies using BS4845 p-MYL9 (S19) pAb.

Purification & Purity

Synthetic peptide p-MYL9 (S19). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.