

**MYL6B Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18648c****Specification**

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**MYL6B Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P14649](#)**MYL6B Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 140465**Other Names**

Myosin light chain 6B, Myosin light chain 1 slow-twitch muscle A isoform, MLC1sa, Smooth muscle and nonmuscle myosin light chain alkali 6B, MYL6B, MLC1SA

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MYL6B Antibody (Center) Blocking Peptide - Protein Information****Name** MYL6B**Synonyms** MLC1SA**Function**

Regulatory light chain of myosin. Does not bind calcium.

**MYL6B Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**MYL6B Antibody (Center) Blocking Peptide - Images****MYL6B Antibody (Center) Blocking Peptide - Background**

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This

gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue.

#### **MYL6B Antibody (Center) Blocking Peptide - References**

Pathmanathan, S., et al. Mol. Cell. Biochem. 318 (1-2), 43-51 (2008) :Coureux, P.D., et al. EMBO J. 23(23):4527-4537(2004) Webb, R.C. Adv Physiol Educ 27 (1-4), 201-206 (2003) :Komiyama, M., et al. J. Cell. Sci. 109 (PT 8), 2089-2099 (1996) :Hailstones, D.L., et al. Mol. Cell. Biol. 10(3):1095-1104(1990)