

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-MYLPF (S16) Peptide

Cat No.: AP0729P

#### Background

MYLPF (myosin light chain, phosphorylatable, fast skeletal muscle), also known as fast skeletal myosin light chain 2 or MLC2B, is a 169 amino acid protein that is expressed in fetal and adult skeletal muscle. A calcium binding protein, MYLPF contains three EF hand domains and is encoded by a gene that maps to human chromosome 16p11.2. Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth.

#### Swiss-Prot

Q96A32

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using AP0729 p-MYLPF (S16) pAb.

#### Purification & Purity

Synthetic peptide p-MYLPF (S16). (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.

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