

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-MEF-2 (T319) Peptide

Cat No.: BS4121P

#### Background

The myocyte enhancer factor-2 (MEF-2) family of transcription factors associated with co-repressors or co-activators to regulate development and function of T cells, neuronal cells and muscle cells. Four family members arise from alternatively spliced transcripts, termed MEF-2A, -2B, -2C and -2D. These members bind as homo- and heterodimers to the MEF-2 site in the promoter region of affected genes. Differential regulation in the expression of the four transcripts implies functional distinction for each during embryogenesis and development. The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression.

#### Swiss-Prot

Q02078

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4121 p-MEF-2 (T319) pAb.

#### Purification & Purity

Synthetic peptide p-MEF-2 (T319). (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.