

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-NPM (T199) Peptide

Cat No.: BS4655P

#### Background

Nucleophosmin (NPM; also known as B23, numatrin or NO38) is an abundant phosphoprotein primarily found in nucleoli. It has been implicated in several distinct cellular functions, including assembly and transport of ribosomes, cytoplasmic/nuclear trafficking, regulation of DNA polymerase  $\alpha$  activity, centrosome duplication and molecular chaperoning activities. The NPM gene is also known for its fusion with the anaplastic lymphoma kinase (ALK) receptor tyrosine kinase. The NPM portion contributes to transformation by providing a dimerization domain, which results in activation of the fused kinase.

#### Swiss-Prot

P06748

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4655 p-NPM (T199) pAb.

#### Purification & Purity

Synthetic peptide p-NPM (T199). (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.