

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Nucleophosmin (E22) Peptide

Cat No.: BS2353P

#### Background

The transport of proteins across the nuclear envelope is a selective, multi-step process involving several cytoplasmic factors. Proteins must be recognized as import substrates, dock at the nuclear pore complex and translocate across the nuclear envelope in an ATP-dependent fashion. Several cytosolic and nuclear proteins that are central to this process have been identified. For example, two cytosolic factors critically involved in the recognition and docking process are the karyopherin  $\alpha$  and karyopherin  $\beta$  proteins. The karyopherin holoenzyme is a heterodimer of  $\alpha$  and  $\beta$  subunits.

#### Swiss-Prot

Q9BYG9

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2353 Nucleophosmin (E22) pAb.

#### Purification & Purity

Synthetic peptide Nucleophosmin (E22). (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.