

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-RPS6 (S240) Peptide

Cat No.: BS4359P

#### Background

Ribosomal protein S6 is a component of the small 40S ribosomal subunit and belongs to the S6E family of ribosomal proteins. It is the major substrate of protein kinases in the ribosome, with subsets of five C-terminal serine residues phosphorylated by different protein kinases. Phosphorylation is induced by a wide range of stimuli, including growth factors, tumor-promoting agents, and mitogens. Dephosphorylation occurs at growth arrest. The protein may contribute to the control of cell growth and proliferation through the selective translation of particular classes of mRNA. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

#### Swiss-Prot

P62753

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4359 p-RPS6 (S240) pAb.

#### Purification & Purity

Synthetic peptide p-RPS6 (S240). (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.