

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p70 S6 kinase β (S417) Peptide

Cat No.: BS9119P

Background

In studies to elucidate key regulatory pathways in signal transduction, several protein Serine/Threonine (Ser/Thr) kinases have been identified, including two distinct families of 40S ribosomal protein S6 Ser/Thr kinases present in somatic animal cells, designated p70 S6 kinase and p90 Rsk kinase. p90 Rsk kinase is maximally activated within minutes of addition of growth factors or phorbol ester to cultured cells followed by activation of p70 S6 kinase. Both enzymes are regulated by Serine/Threonine phosphorylation, suggesting that specific kinases may exist upstream in the signaling pathway that regulate these kinases.

Swiss-Prot

Q9UBS0

Applications

Blocking

Specificity

This peptide can be used with studies using BS9119 p70 S6 kinase β (S417) pAb.

Purification & Purity

Synthetic peptide p70 S6 kinase β (S417). (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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