

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### BTK (K216) Peptide

Cat No.: BS1703P

#### Background

Bruton's tyrosine kinase (BTK) is a member of the BTK/Tec family of cytoplasmic tyrosine kinases. Like other BTK family members, it contains a pleckstrin homology (PH) domain, Src homology SH3 and SH2 domains. BTK plays an important role in B cell development. Activation of B cells by various ligands is accompanied by BTK membrane translocation mediated by its PH domain binding to phosphatidylinositol-3,4,5-trisphosphate. The activation of BTK is negatively regulated by PKC beta through phosphorylation of BTK at Ser180, which results in reduced membrane recruitment, transphosphorylation and subsequent activation.

#### Swiss-Prot

Q06187

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1703 BTK (K216) pAb.

#### Purification & Purity

Synthetic peptide BTK (K216). (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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