

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### BLNK (N91) Peptide

Cat No.: BS2547P

#### Background

B-cell linker protein (BLNK, also known as SLP65, BASH, and BCA) is a B cell adaptor that plays an important role in B cell development and in BCR-signal transduction. Since BLNK does not encode any intrinsic enzymatic activity, its function is to serve as a scaffold for assembling macromolecular complexes which includes enzymes (PLC gamma, Vav and Btk) and additional linker proteins (Grb2 and Nck) (1-3). In addition, BLNK binds Btk and is required for activation of the transcription factor NF- $\kappa$ B. Tyrosine phosphorylation of BLNK by Syk provides specific docking sites for these SH2-containing effector proteins which in turn permits phosphorylation and/or activation of their respective signaling pathways.

#### Swiss-Prot

Q8WV28

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2547 BLNK (N91) pAb.

#### Purification & Purity

Synthetic peptide BLNK (N91). (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.