

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### HUNK (T287) Peptide

Cat No.: BS9187P

#### Background

The HUNK (hormonally upregulated Neu-associated kinase) protein, also designated MAK-V in mouse, has been identified as a novel SNF1-related serine/threonine kinase. The human HUNK gene localizes to chromosome 21q22 and encodes a protein with nucleocytoplasmic distribution and localizes to the centrosome. Overexpression of the HUNK protein associates with approximately 50% of breast carcinomas, and may provide diagnostic-prognostic value as a molecular marker. Serine/threonine-protein kinase SNF1-like kinase 2 (SIK) phosphorylates Ser 794 of IRS1 in insulin-stimulated adipocytes, which may modulate the efficiency of insulin signal transduction. SIK is activated by phosphorylation on Thr 175 by STK11 in complex with STE20-related adapter- $\alpha$  and CAB39.

#### Swiss-Prot

P57058

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS9187 HUNK (T287) pAb.

#### Purification & Purity

Synthetic peptide HUNK (T287). (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.