

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### PDK2 (R291) Peptide

Cat No.: BS3913P

#### Background

The core of PDC is composed of sixty dihydrolypoyl acetyltransferase (E2) subunits that bind directly to PDK2 and enhance PDK2 kinase activity. Upregulation of PDK isoenzymes occurs during starvation conditions, rerouting acetyl-CoA generation by facilitating fatty acid oxidation. PDKs contain five conserved regions and are mechanistically similar to bacterial His-kinases, in that both require histidine residues for activity. In mammals, transcripts for PDK2 are ubiquitously expressed with high levels in heart and skeletal muscle and decreased levels in spleen and lung.

#### Swiss-Prot

Q15119

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3913 PDK2 (R291) pAb.

#### Purification & Purity

Synthetic peptide PDK2 (R291). (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.