

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### PKD2 (A872) Peptide

Cat No.: BS1584P

#### Background

PKD2 (protein kinase D2), also known as PRKD2 or HSPC187, is a widely expressed protein belonging to the protein kinase D (PKD) family of serine/threonine kinases. In mammals, there are three members of the PKD family, namely PKC  $\mu$ , PKD2 and PKC  $\eta$ , and each contain a homologous catalytic domain but differ in their tissue expression and subcellular localization. PKD family members are activated by G-protein-coupled receptors (GPCRs) and are known to participate in biological processes such as proliferation, apoptosis, migration, signal transduction and vesicle shedding. Shuttling between the nucleus and the cytoplasm, PKD2 contains one PH domain, one protein kinase domain and two phorbol-ester/DAG-type zinc fingers, and functions as a calcium-independent, phospholipid-dependent protein kinase.

#### Swiss-Prot

Q9BZL6

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1584 PKD2 (A872) pAb.

#### Purification & Purity

Synthetic peptide PKD2 (A872). (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.