

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### PIG11 (P93) Peptide

Cat No.: BS1865P

#### Background

PIG11 (p53-induced gene 11 protein), also known as TP53I11, is a 177 amino acid tumor suppressor belonging to the p53-induced protein gene (PIG) family. The PIG gene family encodes redox-controlling proteins that are involved in p53 tumor suppressor activity. It is suggested that PIG11 is involved in arsenic trioxide As(2)O(3)-induced apoptosis in certain cell lines and may play a significant role in tumor suppression through promotion of cell apoptosis. The gene encoding PIG11 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

#### Swiss-Prot

O14683

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1865 PIG11 (P93) pAb.

#### Purification & Purity

Synthetic peptide PIG11 (P93). (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.