

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TCF-4/12 (S616) Peptide

Cat No.: BS1934P

#### Background

T cell factors (TCFs) comprise a family of DNA-binding transcriptional activators that are essential for lymphoid cell development. These transcription factors are activated by the Wnt-1 and Wingless pathways and are characterized by the presence of a conserved protein motif, the high mobility group (HMG) 1 box, which mediates DNA binding. TCF-4 mainly localizes in the cytoplasm and is transported into the nucleus directly bound to  $\beta$ -catenin in a cooperative manner. This TCF-4/ $\beta$ -catenin complex induces expression of Wnt target genes, including multiple cancer-associated genes.

#### Swiss-Prot

P15884/Q99081

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1934 TCF-4/12 (S616) pAb.

#### Purification & Purity

Synthetic peptide TCF-4/12 (S616). (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.