

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Sp1 (T453) Peptide

Cat No.: BS4363P

#### Background

Sp1 is a sequence-specific transcription factor that recognizes GGGGCGGGGC and closely related sequences, which are often referred to as GC boxes. Sp1 was initially identified as a HeLa cell-derived factor that selectively activates in vitro transcription from the SV40 promoter and binds to the multiple GC boxes in the 21 bp repeated elements in SV40. The sequence specificity of DNA binding is conferred by Zn (II) fingers, whereas a different region of Sp1 appears to regulate the affinity of DNA binding. Sp1 belongs to a subgroup of transcription factors that are phosphorylated upon binding to promoter sequences.

#### Swiss-Prot

P08047

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4363 p-Sp1 (T453) pAb.

#### Purification & Purity

Synthetic peptide p-Sp1 (T453). (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.