

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-C/EBP- $\beta$ (T235/188) Peptide

Cat No.: BS4029P

#### Background

C/EBP  $\beta$  is a member of the C/EBP transcription factor family. The C/EBP  $\beta$  gene encodes several isoforms, which have truncated transcription activation domains by the alternative translational initiation at multiple AUG start sites. Initiation of translation at the in-frame AUGs forms four C/EBP  $\beta$  isoforms. C/EBP  $\beta$  is also known as interleukin 6-dependent DNA-binding protein (IL6DBP), liver activator protein(LAP) or liver-enriched transcriptional activator protein transcription factor 5 (TCF5). C/EBP  $\beta$  contributes to the regulation of the acute phase response in hepatocytes. Stat3 has an important function in IL-6-mediated transcription of the C/EBP  $\beta$  gene that has direct implication for acute phase response in liver cells. The 35 kDa C/EBP  $\beta$  form requires phosphorylation for its DNA binding ability, and increased binding of C/EBP  $\beta$  isoforms during acute-phase reaction occurs through its upregulation and structural modification.

#### Swiss-Prot

P17676

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS4029 p-C/EBP- $\beta$  (T235/188) pAb.

#### Purification & Purity

Synthetic peptide p-C/EBP- $\beta$  (T235/188). (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.

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