

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-IκB-β (S23) Peptide

Cat No.: BS4106P

#### Background

The NF-κB/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory IκB proteins. The regulation of IκBβ and IκBε is similar to that of IκBα. However, the phosphorylation and ubiquitin-mediated degradation of these proteins occurs with much slower kinetics. IKK phosphorylation of IκBβ occurs at Ser19 and Ser23, while IκBε can be phosphorylated at Ser18 and Ser22. The human sequence of IκB-β has also been reported to contain a threonine at position 19 suggesting that phosphorylation could be Thr19/Ser23.

#### Swiss-Prot

Q15653

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4106 p-IκB-β (S23) pAb.

#### Purification & Purity

Synthetic peptide p-IκB-β (S23). (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.