

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TNF- $\beta$ (H66) Peptide

Cat No.: BS3491P

#### Background

Tumor necrosis factor b (TNFb), also known as lymphotoxin, is a pleiotropic cytokine. TNFa, also known as cachectin, is a smaller cytokine that binds to the same receptors, producing a vast array of effects similar to those of TNFb. TNFb and TNFa share 30% amino acid homology and have similar biological activities. TNFb is produced by activated lymphocytes, including CD4(+) T helper cell type 1 lymphocytes, CD8(+) lymphocytes and certain B lymphoblastoid cell lines. TNFa is produced by several different cell types, including lymphocytes, neutrophils and macrophages. TNFa and TNFb can modulate many immune and inflammatory functions, while having the ability to inhibit tumor growth.

#### Swiss-Prot

P01374

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3491 TNF- $\beta$  (H66) pAb.

#### Purification & Purity

Synthetic peptide TNF- $\beta$  (H66). (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.