

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### IL-1 $\alpha$ (F8) Peptide

Cat No.: BS2825P

#### Background

Two forms of interleukin-1, designated IL-1 $\alpha$  and IL-1 $\beta$ , have been described. Although encoded by distinct genes and exhibiting roughly only 25% sequence identity, IL-1 $\alpha$  and IL-1 $\beta$  bind to the same receptor and seem to elicit similar biological responses. IL-1 production is generally thought to be associated with inflammation, but it has also been shown to be expressed during kidney development, thymocyte differentiation and cartilage degradation. IL-1 plays a critical role in the regulation of immune response and inflammation, acting as an activator of T and B lymphocytes and natural killer (NK) cells.

#### Swiss-Prot

P01583

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2825 IL-1 $\alpha$  (F8) pAb.

#### Purification & Purity

Synthetic peptide IL-1 $\alpha$  (F8). (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.