

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### IL-8 (V68) Peptide

Cat No.: BS3479P

#### Background

IL-8 has been shown to function as a potent neutrophil chemotactic and activating peptide and is an important mediator of inflammatory diseases. Two distinct human IL-8 receptors, designated IL-8RA and IL-8RB, have been characterized. Both are expressed at a high level on neutrophils, and to a lesser extent on monocytes and myeloid cell lines. In addition, the IL-8RA subunit is expressed in T cells such as the Jurkat cell line. Both IL-8Rs are members of the seven-transmembrane domain rhodopsin superfamily of receptors and as such, couple G proteins for signal transduction. The two receptors share 77% amino acid identity.

#### Swiss-Prot

P10145

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3479 IL-8 (V68) pAb.

#### Purification & Purity

Synthetic peptide IL-8 (V68). (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.