

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### VEGF-A (R159) Peptide

Cat No.: BS2853P

#### Background

VEGF is a dimeric glycoprotein with structural homology to PDGF. Several variants of VEGF have been described that arise by alternative mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. VEGF mRNA is formed in some primary tumors, VEGF is produced by tumor cell lines in vitro and VEGF mitogenic activity appears to be restricted to endothelial cells. A member of the PDGF receptor family, Flt, has been identified as a high-affinity receptor for VEGF.

#### Swiss-Prot

P15692

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2853 VEGF-A (R159) pAb.

#### Purification & Purity

Synthetic peptide VEGF-A (R159). (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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