

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FGFR2 (V501) Peptide

Cat No.: BS1124P

#### Background

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor (or FGFR-2), FGFR-3, FGFR- 4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligandbinding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human Bek (also esignated K-sam) maps to chromosome 10q26 and is alternatively spliced to produce several isoforms. Heterogeneous mutations in Bek are associated with a range of craniosynostosis syndromes including Pfeiffer syndrome, Crouzon syndrome, Jackson-Weiss syndrome and Apert syndrome.

#### Swiss-Prot

P21802

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS1124 FGFR2 (V501) pAb.

#### Purification & Purity

Synthetic peptide FGFR2 (V501). (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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