

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FGFR1 (R148) Peptide

Cat No.: BS3620P

#### Background

FGFR1 (fibroblast growth factor receptor 1) is a member of the fibroblast growth factor receptor family containing an Ig-like domain and a tyrosine kinase domain. This receptor has multiple isoforms and is a Type I membrane protein. FGFR1 is a widely expressed membrane receptor, with distinct isoforms expressed in specific tissues. FGFR1 binds fibroblast growth factor and induces mitogenesis and cellular differentiation. Defects in FGFR1 result in Pfeiffer syndrome associated with cranio-synostosis. FGFR1 can be modified by phosphorylation and can bind basic/acidic fibroblast factor depending on the receptor isoform. FGFR1 has been shown to interact with N-cadherin and NCAM.

#### Swiss-Prot

P11362

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3620 FGFR1 (R148) pAb.

#### Purification & Purity

Synthetic peptide FGFR1 (R148). (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.