

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-EGFR (T654) Peptide

Cat No.: BS4062P

#### Background

EGFR (Epidermal growth factor receptor, ErbB-1) is a receptor tyrosine kinase (RTK) that is one of four members of the EGFR/ErbB family of receptor tyrosine kinases. EGFR plays a key role in the regulation of essential normal cellular processes and in the pathophysiology of hyperproliferative diseases such as cancer. Activation of the EGFR signaling pathway has been linked with increased cell proliferation, angiogenesis, metastasis and decreased apoptosis. Phosphorylation of residue Thr654 (removal of the signal peptide) during PKC activation prevents binding of calmodulin.

#### Swiss-Prot

P00533

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4062 p-EGFR (T654) pAb.

#### Purification & Purity

Synthetic peptide p-EGFR (T654). (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.