

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



P-EGFR (T669) Peptide

Cat No.: BS4063P

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. Thr669 (equivalent to Thr693 of human EGFR) is phosphorylated by p38 MAP kinase following EGF stimulation. Phosphorylation of EGFR at Thr669 may be involved in regulation of ligand induced receptor internalization through interaction with specific downstream EGFR tyrosine kinase substrates.

Swiss-Prot

P00533

Applications

Blocking

Specificity

This peptide can be used with studies using BS4063 P-EGFR (T669) pAb.

Purification & Purity

Synthetic peptide P-EGFR (T669). (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.