Bioworld Technology CO., Ltd.

p-EGFR (Y992) Peptide

Cat No.: BS4310P

Background

Epidermal growth factor mediates its effects on cell growth through its interaction with a cell surface glycoprotein designated the EGF receptor. Binding of EGF or TGFα to the EGF receptor activates tyrosine-specific protein kinase activity intrinsic to the EGF receptor. The carboxy-terminal tyrosine residues on EGFR, Tyr 1068 and Tyr 1173, are the major sites of autophosphorylation, which occurs as a result of EGF binding. Phosphorylation of Tyr 992, Tyr 1068 and Tyr 1086 is required for conformational change in the C-terminal tail of the EGF receptorgulates Actin filament accumulation at the plasma membrane and Cdc42 stimulates formation of filopodia.

Swiss-Prot

P00533

Applications

Blocking

Specificity

This peptide can be used with studies using BS4310 p-EGFR (Y992) pAb.

Purification & Purity

Synthetic peptide p-EGFR (Y992). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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