

Phospho-EGFR (Ser991) Rabbit pAb

Catalog Number: bs-3104R

Target Protein: Phospho-EGFR (Ser991)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1 μ g /test)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig)

Predicted MW: 130 kDa

Entrez Gene: 1956

Swiss Prot: P00533

Source: KLH conjugated Synthesised phosphopeptide derived from human EGFR around the phosphorylation site of Ser991: LP(p-S)PT.

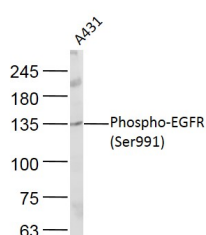
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

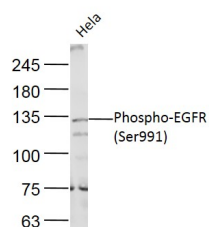
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

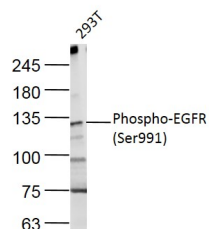
VALIDATION IMAGES



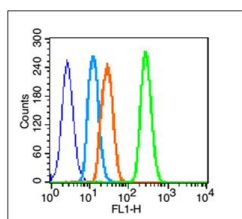
Sample: A431 (Human) Lysate at 30 ug Primary: Anti- Phospho-EGFR (Ser991) (bs-3104R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: HeLa (Human) Lysate at 30 ug Primary: Anti- Phospho-EGFR (Ser991) (bs-3104R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: 293T (Human) Lysate at 30 ug Primary: Anti- Phospho-EGFR (Ser991) (bs-3104R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Blank control (blue line): A431(fixed with 2% paraformaldehyde (10 min),then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-Phospho-EGFR (Ser991)antibody (bs-3104R),Dilution: $1\mu\text{g} / 10^6$ cells. Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC,Dilution: $1\mu\text{g} / \text{test}$.