

## Phospho-EGFR-Y992 polyclonal antibody

Catalog: BS6352

Host: Rabbit

Reactivity: Human, Mouse

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

180kDa

### Swiss-Prot:

P00533

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000

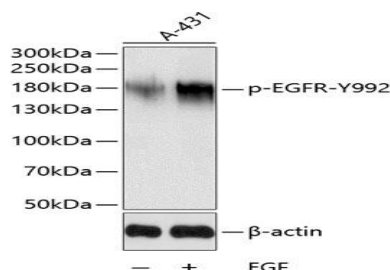
### Storage&Stability:

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

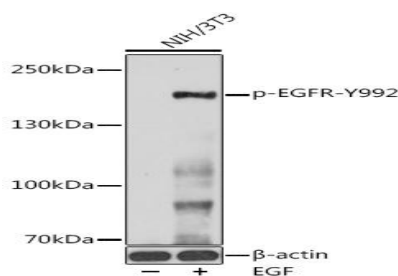
### Category:

Phosphorylated Antibodies

### DATA:



Western blot analysis of extracts of A-431 cells, using Phospho-EGFR-Y992 antibody at 1:1000 dilution. A431 cells were treated by EGF for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-EGFR-Y992 antibody at 1:1000 dilution. NIH/3T3 cells were treated by EGF at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 120s.

### Note:

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

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