

## EGFR (phospho-Y1173) polyclonal antibody

Catalog: BS4741

Host: Rabbit

Reactivity: Human

### BackGround:

EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- $\alpha$ , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation.

### Product:

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

### Molecular Weight:

~ 160 kDa

### 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: 1:500-1:1000

IHC: 1:50-1:100

IF/ICC: 1:50-1:100

IP: 1:50-1:100

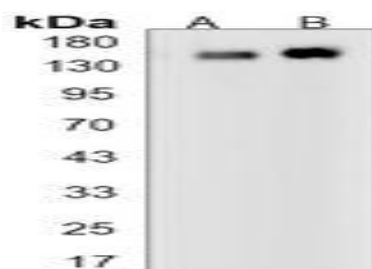
### Storage&Stability:

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

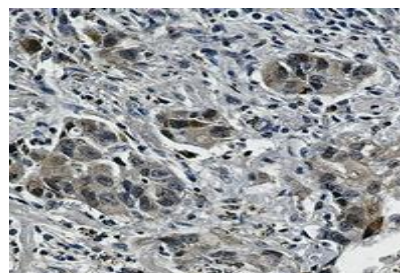
### Specificity:

EGFR (phospho-Y1173) polyclonal antibody detects endogenous levels of EGFR protein only when phosphorylated at Tyr1173.

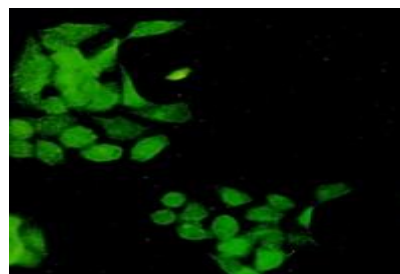
### DATA:



Western blot analysis of EGFR (Phospho-Y1173) expression in HeLa (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of EGFR (Phospho-Y1173) staining in human lung cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of EGFR (Phospho-Y1173) staining in HeLa cells.

### Note:

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

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