PHOSPHO-EGFR (TYR1173) RABBIT MAB

: N263160

: Phospho-EGFR (Tyr1173)

EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1

UNIPROT ID: P00533

: 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.

: A synthetic phosphopeptide corresponding to residues surrounding Tyr1173 of human EGFR

: WB,IHC-F,IHC-P,ICC/IF,IP

: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

: Rabbit

Rabbit Monoclonal

: R03-5C8

: Calculated MW: 134 kDa; Observed MW: 175 kDa

: IgG

: Affinity Purified

: Human

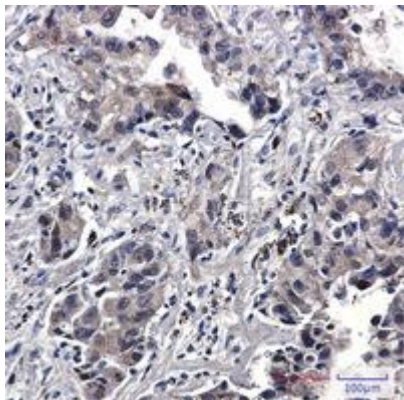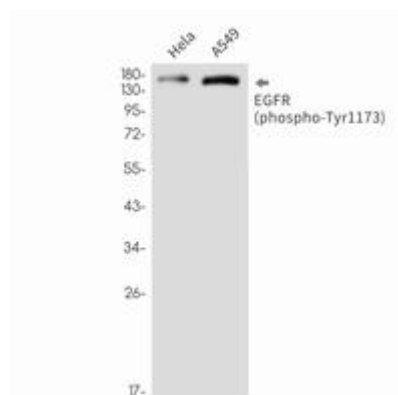**Modification:** Phosphorylated

: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
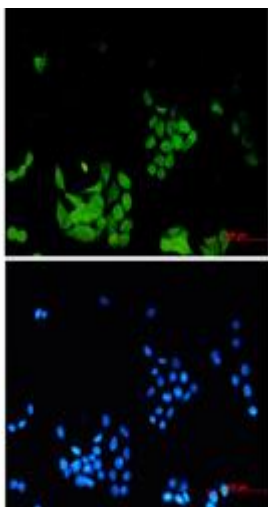
: Signal Transduction

: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using EGFR (Phospho-Tyr1173) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of Phospho-EGFR (Tyr1173) in Hela, A549 lysates using Phospho-EGFR (Tyr1173) antibody.

Immunocytochemistry analysis of Phospho-EGFR (Tyr1173) (green) in Hela using Phospho-EGFR (Tyr1173) antibody,and DAPI(blue)