PHOSPHO-EGFR (TYR1092) RABBIT PAB

Cat.#: N225415

Product Name: Anti-Phospho-EGFR (Tyr1092) Rabbit pAb

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

UNIPROT ID: P00533

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.

Immunogen: The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Tyr1092. AA range:1061-1110

Applications: WB,IHC-P,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 134 kDa; Observed MW: 140-160 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human,Mouse,Rat

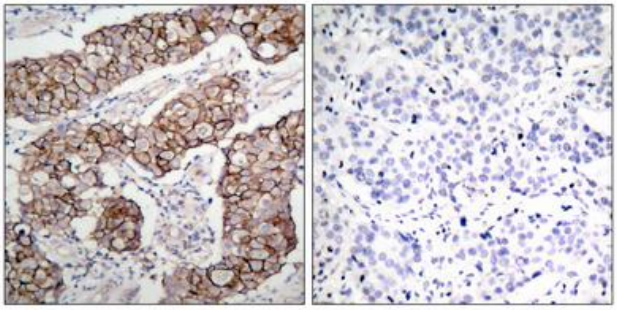
Conjugation: Unconjugated

Modification: Phosphorylated

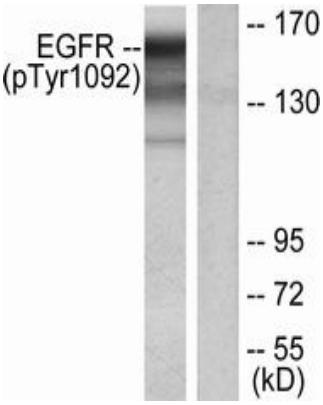
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

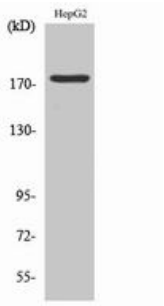
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using EGFR (Phospho-Tyr109, 2) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-EGFR (Tyr1092) in HUVEC lysates treated with EGF, using EGFR (Phospho-Tyr19, 2) antibody. The lane on the right is blocked with the Phospho-peptide.



Western blot analysis of Phospho-EGFR (Tyr1092) in various lysates using Phospho-EGFR (Tyr1092) antibody.