Anti-Phospho-EGFR (Tyr1092) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012204

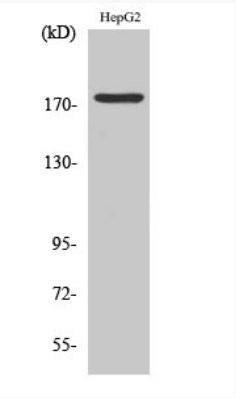
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Tyr1092.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-EGFR (Tyr1092) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

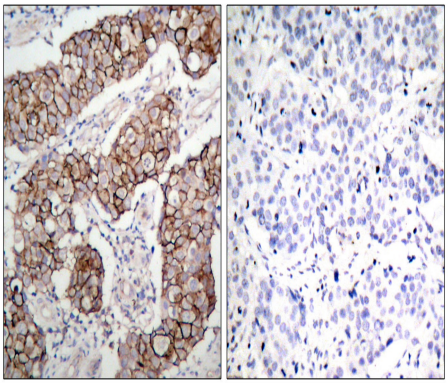
Protein Information

Synonyms	EGFR, ERBB, ERBB1, HER1, Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1.
Calculated MW	Calculated MW: 134 kDa; Observed MW: 140-160 kDa
Uniprot ID	P00533
Gene ID	1956
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.

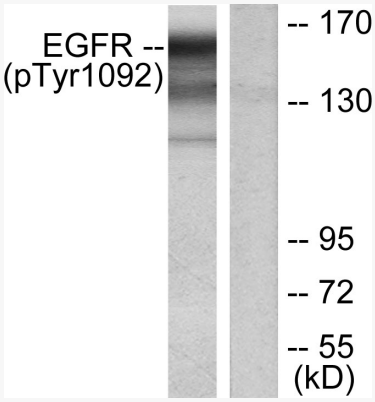
Validation Images



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



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.