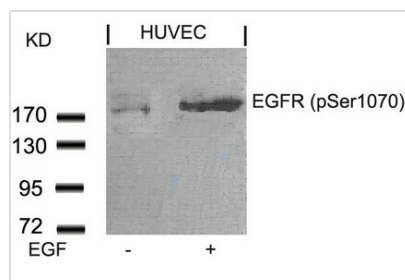




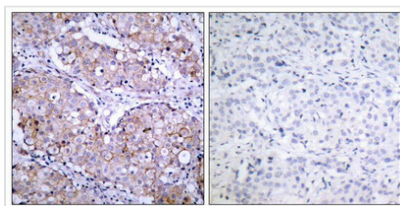
Phospho-EGFR (Ser1070) Antibody

Product Code	CSB-PA209840
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P00533
Immunogen	Peptide sequence around phosphorylation site of serine 1070 (R-Y-S(p)-S-D) derived from Human EGFR.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of EGFR only when phosphorylated at serine1070.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:100
Relevance	Receptor for EGF, but also for other members of the EGF family, as TGF-α, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin. Feinmesser RL,et al. (1999) J Biol Chem; 274(23): 16168-73. Gamou S,et al. (1995) FEBS Lett; 357(2): 161-4. Gamou S, et al. (1994) J Cell Physiol; 158(1): 151-9. Heisermann GJ, et al. (1988) J Biol Chem; 263(26): 13152-8.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	ERBB1; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EGFR

Image



Western blot analysis of extracts from HUVEC cells untreated or treated with EGF using EGFR(Phospho-Ser1070) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Phospho-Ser1070) Antibody(left) or the same antibody preincubated with blocking peptide(right).

Product Modify

Phospho-Ser1070