

Phospho-EGFR (Ser1070) Antibody



PACO24251

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000,
IHC:1:50-1:100

Protein Background:

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.

Gene ID:

EGFR

Uniprot

P00533

Synonyms:

ERBB1; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR

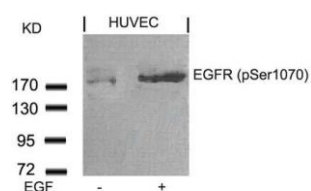
Immunogen:

Peptide sequence around phosphorylation site of serine 1070 (R-Y-S(p)-S-D) derived from Human EGFR.

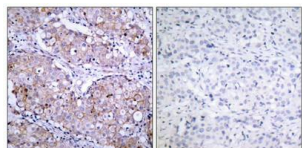
Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



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).