

EGFR (phospho Ser1046) antibody

Cat. No. GTX50147

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
IHC-P	1:50-1:100

Not tested in other applications.

Calculated MW 134 kDa. ([Note](#))

Product Note The full-length EGFR includes the 24 aa signal peptide that is cleaved during EGFR maturation. The Ser1046 of mature EGFR is equivalent to Ser1070 of uncleaved EGFR.

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of serine 1046 (R-Y-S(p)-S-D) derived from human EGFR.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated



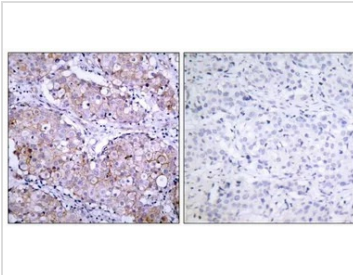
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Note

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DATA IMAGES

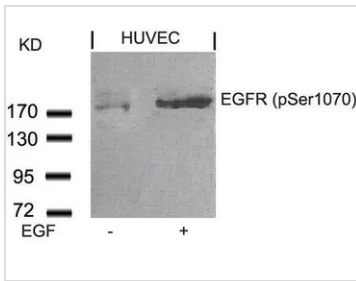


GTX50147 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTX50147 EGFR (phospho Ser1046) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide



GTX50147 WB Image

WB analysis of extracts from HUVEC cells untreated or treated with EGF using GTX50147 EGFR (phospho Ser1046) antibody.



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