

## EGFR (phospho Ser1046) antibody

**Cat. No. GTX50147**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 150mM NaCl, 50% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Peptide sequence around phosphorylation site of serine 1046 (R-Y-S(p)-S-D) derived from human EGFR.
<b>Purification</b>	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
<b>Conjugation</b>	Unconjugated



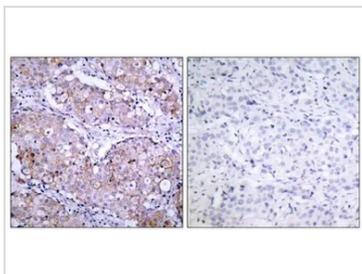
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**Note**

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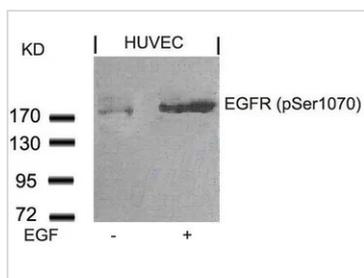
## DATA IMAGES

**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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