

EGFR (phospho Ser1046) antibody

Cat. No. GTX50147

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

Package
100 µl

APPLICATION

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 (without Mg ²⁺ and Ca ²⁺) pH7.4, 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 |

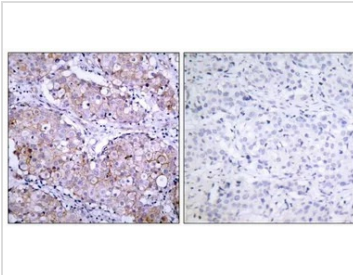


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Note

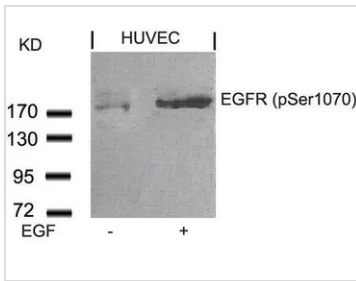
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DATA IMAGES

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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