

## EGFR (phospho Tyr1045) antibody

Cat. No. GTX133431

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

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

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 Tyr1045 of mature EGFR is equivalent to Tyr1069 of uncleaved EGFR.

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.13 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr1045 of human EGFR. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

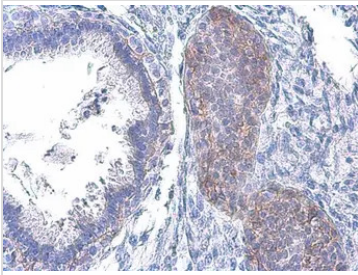


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

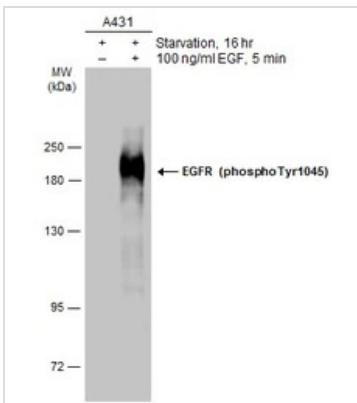
**DATA IMAGES**

**GTX133431 IHC-P Image**

EGFR (phospho Tyr1045) antibody detects EGFR (phospho Tyr1045) protein at cell membrane in human breast carcinoma by immunohistochemical analysis.

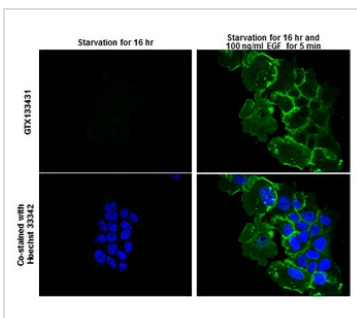
Sample: Paraffin-embedded human breast carcinoma.

EGFR (phospho Tyr1045) antibody (GTX133431) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX133431 WB Image**

Untreated (–) and treated (+) A431 whole cell extract (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with EGFR (phospho Tyr1045) antibody (GTX133431) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX133431 ICC/IF Image**

EGFR (phospho Tyr1045) antibody detects EGFR (phospho Tyr1045) protein at cell membrane by immunofluorescent analysis.

Sample: A431 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: EGFR (phospho Tyr1045) protein stained by EGFR (phospho Tyr1045) antibody (GTX133431) diluted at 1:500.

Blue: Hoechst 33342 staining.



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