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 4ºC. For long-term storage, aliquot and store at -20ºC 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

For full product information, images and publications, please visit our website.

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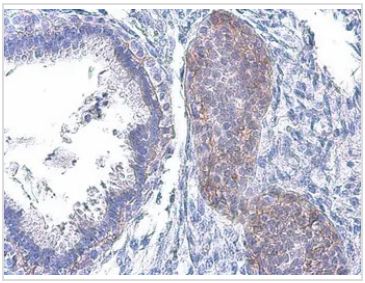
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Note

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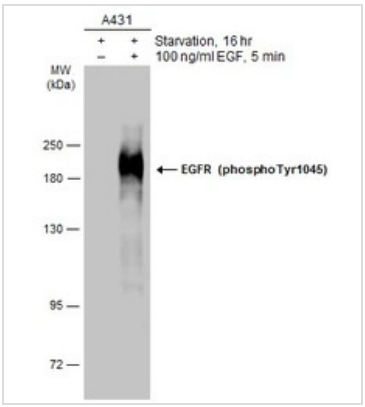
DATA IMAGES



GTX133431 IHC-P Image

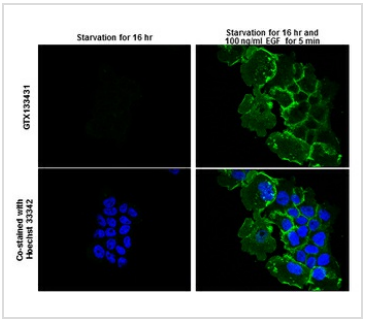
EGFR (phospho Tyr1045) antibody detects EGFR (phospho Tyr1045) protein at cell membrane in human breast carcinoma by immunohistochemical analysis.
Sample: Paraffin-embedded human breast carcinoma.
EGFR (phospho Tyr1045) antibody (GTX133431) diluted at 1:500.

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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