

EGFR (phospho Tyr1045) antibody

Cat. No. GTX133598

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

is equivalent to Tyr1069 of uncleaved EGFR.

Package 100 μl, 25 μl

Applications

Application Note

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

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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 app	olications.	
Calculated MW	134 kDa. (<u>Note</u>)	
Product Note	The full-length EGFR includes the 24 aa signal peptide that is cleaved during EGFR maturation. The Tyr1045 of mature 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	0.11 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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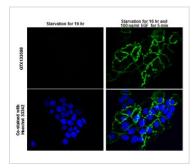


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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



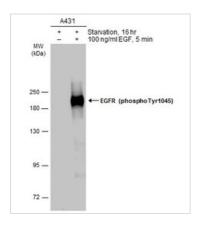
GTX133598 ICC/IF Image

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.

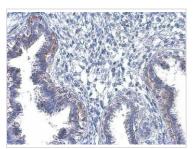
Green: EGFR (phospho Tyr1045) protein stained by EGFR (phospho Tyr1045) antibody (GTX133598) diluted at 1:500.

Blue: Hoechst 33342 staining.



GTX133598 WB Image

Untreated (–) and treated (+) A431 whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with EGFR (phospho Tyr1045) antibody (GTX133598) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133598 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 (GTX133598) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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