

EGFR (phospho Tyr1148) antibody

Cat. No. GTX133594

Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Applications	WB, ICC/IF
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
Not tested in other app	plications.	
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 Tyr1148 of mature EGFR
	is equivalent to Tyr1172 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	0.3 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr1148 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 <u>website</u>.

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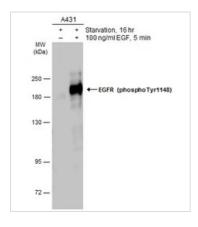


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Note

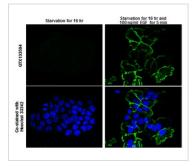
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DATA IMAGES



GTX133594 WB Image

Untreated (–) and treated (+) A431 whole cell extract (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with EGFR (phospho Tyr1148) antibody (GTX133594) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133594 ICC/IF Image

EGFR (phospho Tyr1148) antibody detects EGFR (phospho Tyr1148) protein at cell membrane by immunofluorescent analysis.

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

Green: EGFR (phospho Tyr1148) protein stained by EGFR (phospho Tyr1148) antibody (GTX133594) diluted at 1:500.

Blue: Hoechst 33342 staining.



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