

EGFR (phospho Tyr1045) antibody [HL3354]

Cat. No. GTX641131

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
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	Assay dependent

Not tested in other applications.

Observed MW (kDa) 175-180 kDa.

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
Preservative	No preservatives
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	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr1045 of human EGFR. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



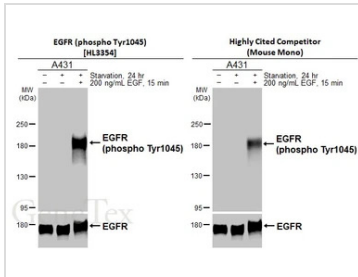
For full product information, images and publications, please visit our [website](#).

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.

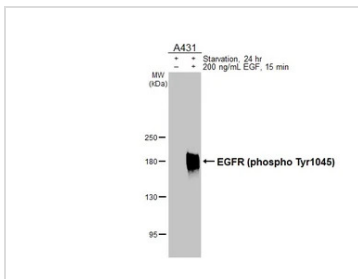
DATA IMAGES



GTX641131 WB Image

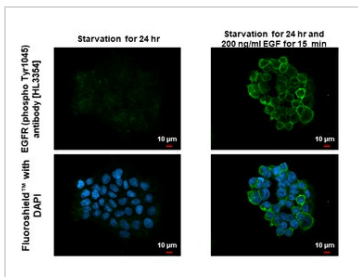
Untreated (–) and treated (+) A431 whole cell extract (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with EGFR (phospho Tyr1045) antibody [HL3354] (GTX641131) diluted at 1:1000 and competitor's antibody (Highly Cited Competitor) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.



GTX641131 WB Image

Untreated (–) and treated (+) A431 whole cell extract (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR (phospho Tyr1045) antibody [HL3354] (GTX641131) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX641131 ICC/IF Image

EGFR (phospho Tyr1045) antibody [HL3354] detects EGFR (phospho Tyr1045) protein by immunofluorescent analysis.

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

Green: EGFR (phospho Tyr1045) stained by EGFR (phospho Tyr1045) antibody [HL3354] (GTX641131) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



For full product information, images and publications, please visit our [website](https://www.genetex.com).