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EGFR (phospho Tyr1086) antibody [HL3284]

Cat. No. GTX640938

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	1:5000-1:20000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 175 kDa.

Product Note

The full-length EGFR includes the 24 aa signal peptide that is cleaved during EGFR maturation. The Tyr1086 of mature EGFR is equivalent to Tyr1110 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 Tyr1086 of human EGFR. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



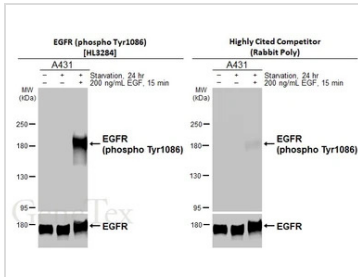
For full product information, images and publications, please visit our [website](#).

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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.

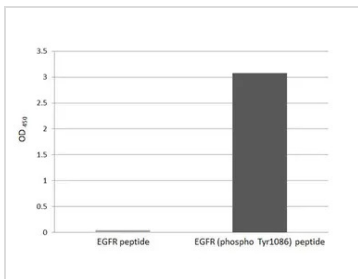
DATA IMAGES



GTX640938 WB Image

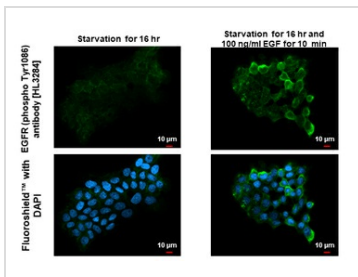
Untreated (–) and treated (+) A431 whole cell extract (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with EGFR (phospho Tyr1086) antibody [HL3284] (GTX640938) diluted at 1:200000 and competitor's antibody (Highly Cited Competitor) diluted at 1:200000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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



GTX640938 Image

Specificity test was performed by coating the plate with EGFR peptide and EGFR (phospho Tyr1086) peptide (15.63 ng/mL). Coated peptides were probed with EGFR (phospho Tyr1086) antibody [HL3284] (GTX640938) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX640938 ICC/IF Image

EGFR (phospho Tyr1086) antibody [HL3284] detects EGFR (phospho Tyr1086) protein by immunofluorescent analysis.

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

Green: EGFR (phospho Tyr1086) stained by EGFR (phospho Tyr1086) antibody [HL3284] (GTX640938) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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