

## EGFR (phospho Tyr1148) antibody [HL3278]

Cat. No. GTX640932

|              |            |
|--------------|------------|
| 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 Tyr1148 of mature EGFR is equivalent to Tyr1172 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 Tyr1148 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](#).

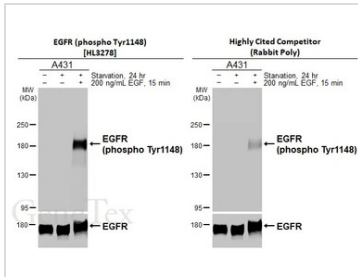
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### 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.

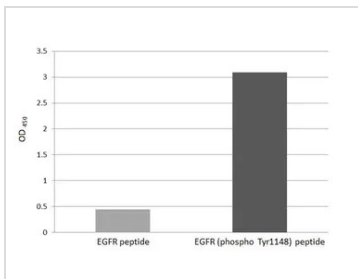
#### DATA IMAGES



#### GTX640932 WB Image

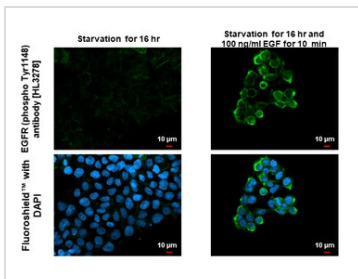
Untreated (-) and treated (+) A431 whole cell extract (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with EGFR (phospho Tyr1148) antibody [HL3278] (GTX640932) diluted at 1:20000 and competitor's antibody (Highly Cited Competitor) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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



#### GTX640932 Image

Specificity test was performed by coating the plate with EGFR peptide and EGFR (phospho Tyr1148) peptide (15.63 ng/mL). Coated peptides were probed with EGFR (phospho Tyr1148) antibody [HL3278] (GTX640932) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



#### GTX640932 ICC/IF Image

EGFR (phospho Tyr1148) antibody [HL3278] detects EGFR (phospho Tyr1148) protein by immunofluorescent analysis.

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

Green: EGFR (phospho Tyr1148) stained by EGFR (phospho Tyr1148) antibody [HL3278] (GTX640932) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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