

## EGFR (phospho Thr669) antibody [HL3264]

Cat. No. GTX640911

|              |            |
|--------------|------------|
| Host         | Rabbit     |
| Clonality    | Monoclonal |
| Isotype      | IgG        |
| Applications | WB         |
| Reactivity   | Human      |

Package  
100 µl, 25 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 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 Thr669 of mature EGFR is equivalent to Thr693 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                                                                                                                                                                                                                    |
| Immunogen     | Carrier-protein conjugated synthetic peptide surrounding phospho Thr669 of human EGFR. The exact sequence is proprietary.                                                                                                  |
| Purification  | Affinity purified by Protein A.                                                                                                                                                                                            |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

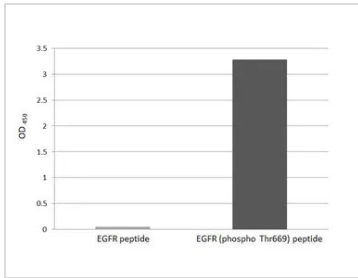
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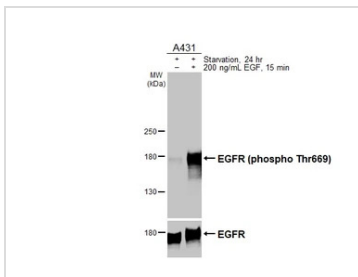


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**DATA IMAGES**

**GTX640911 Image**

Specificity test was performed by coating the plate with EGFR peptide and EGFR (phospho Thr669) peptide (15.63 ng/mL). Coated peptides were probed with EGFR (phospho Thr669) antibody [HL3264] (GTX640911) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


**GTX640911 WB Image**

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR (phospho Thr669) antibody [HL3264] (GTX640911) diluted at 1:1000 and EGFR antibody (GTX640663) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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