

EGFR (phospho Thr669) antibody [HL3265]

Cat. No. GTX640912

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 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 (Please refer to the vial label for the specific concentration.)
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



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

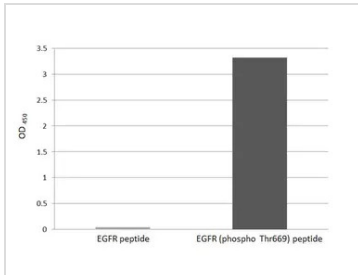
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Note

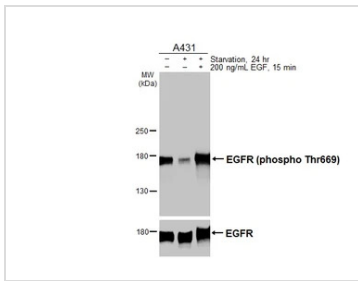
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DATA IMAGES



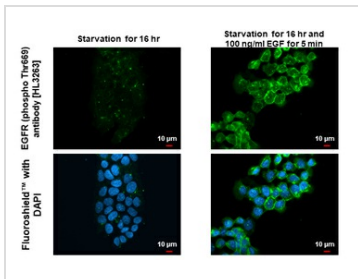
GTX640912 Image

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 [HL3265] (GTX640912) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX640912 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 [HL3265] (GTX640912) 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.



GTX640912 ICC/IF Image

EGFR (phospho Thr669) antibody [HL3265] detects EGFR (phospho Thr669) protein by immunofluorescent analysis.

Sample: Mock and treated A431 cells were fixed in ice-cold MeOH for 5 min.

Green: EGFR (phospho Thr669) stained by EGFR (phospho Thr669) antibody [HL3265] (GTX640912) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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