

Product Datasheet

Phospho-EGFR (Y1092) Antibody

Catalog No: CY5840

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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Information

UniProt ID: P00533

All Names: Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1; ERBB; ERBB1; HER1; EGFR; Urogastrone;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human EGFR Full-length sequence 1210aa around the phosphorylation site of Tyrosine 1092

Molecular Wt.: 175 kDa

Application

WB 1:1000~1:2000

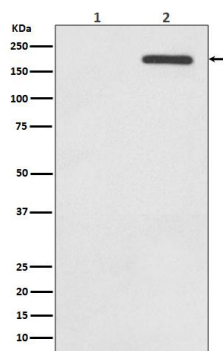
ICC/IF 1:50~1:200

IP 1:100

FC 1:40

Background

Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses. Phosphorylation of EGFR at specific serine and threonine residues attenuates EGFR kinase activity. EGFR carboxy-terminal residues Ser1046 and Ser1047 are phosphorylated by CaM kinase II; mutation of either of these serines results in upregulated EGFR tyrosine autophosphorylation.



Western blot analysis of Phospho-EGFR (Y1092) expression in (1) A431 cell lysate; (2) A431 cell treated with EGF lysate.

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