

Product Datasheet

Phospho-EGFR (Y1110) Antibody

Catalog No: CY5596

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF IP



Information

UniProt ID: P00533

All Names: EC 2.7.10.1; ERBB1; Epidermal growth factor receptor precursor; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR;

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 1110

Molecular Wt.: 150 kDa

Application

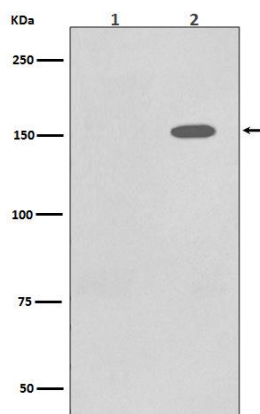
WB: 1:500~1:2000

ICC/IF: 1:50~1:200

IP: 1:50

Background

The epidermal growth factor (EGF) receptor is a transmembrane tyrosine kinase that belongs to the HER/ErbB protein family. Ligand binding results in receptor dimerization, autophosphorylation, activation of downstream signaling, internalization, and lysosomal degradation. Phospho-EGF Receptor (Tyr1086) Antibody is directed against a previously unpublished EGF receptor phosphorylation site at Tyr1086, Phosphorylation of EGF receptor at Tyr1086 was observed in select carcinoma cell lines and in tumors.



Western blot analysis of Phospho-EGFR (Y1110) expression in (1) A431 cell lysate; (2) A431 cell lysate treated with EGF.

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