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# Phospho-EGFR-Y1197

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**175kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding Y1197 of human EGFR

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

o

**Synonym:**

ERBB; HER1; mENA; ERBB1; PIG61;

**Catalog #:**AP0223

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1956

**Isotype:**IgG

**Swiss Prot:**P00533

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

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