# Anti-Phospho-EGFR (Tyr1092) Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010387

## Product Information

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| Application | WB, IHC-P/IF (Tissue-P), ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:100 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 87K09L49 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic phosphopeptide corresponding to residues surrounding Tyr1092 of human EGFR |
| Format | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-EGFR (Tyr1092) antibody [87K09L49] is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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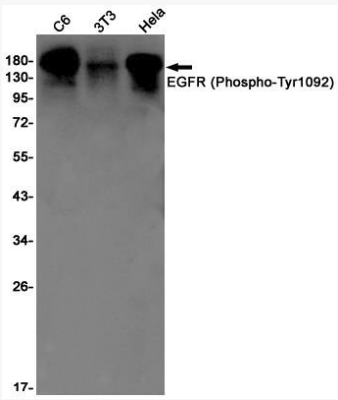
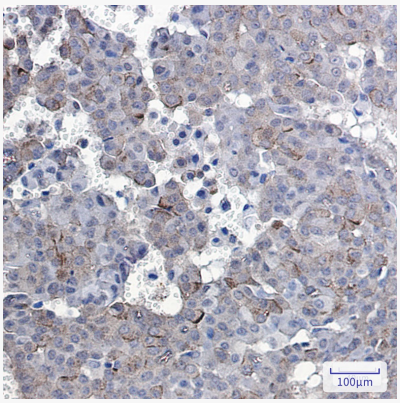
| Synonyms | EGFR, ERBB, ERBB1, HER1, Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1. |
| Calculated MW | Calculated MW: 134 kDa; Observed MW: 175 kDa |
| Uniprot ID | P00533 |
| Gene ID | 1956 |
| Background | EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF-alpha, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation. |

## Validation Images




Western blot analysis of EGFR (Phospho-Tyr1092) in C6, 3T3, Hela lysates using Phospho-EGFR (Tyr1092) antibody.




Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-EGFR (Tyr1092) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.