# EGFR (Phospho-Tyr1068) Rabbit mAb

Catalog No: #14144

Package Size: #14144-1 50ul #14144-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

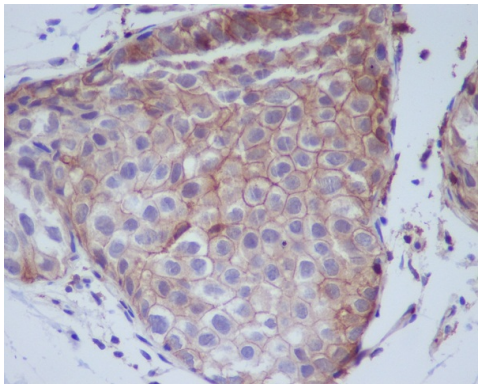
## Description

| | |
|---|---|
| Product Name | EGFR (Phospho-Tyr1068) Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB IHC ICC/IF |
| Species Reactivity | Human;Mouse |
| Specificity | Phospho-EGFR (Y1068) Antibody detects endogenous levels of total Phospho-EGFR (Y1068) |
| Immunogen Description | A synthesized peptide derived from human Phospho-EGFR (Y1068) |
| Conjugates | Unconjugated |
| Other Names | ERBB1, Epidermal growth factor receptor precursor;Receptor protein-tyrosine kinase ErbB-1; kinase EGFR; HER1; EGFR; SA7; NISBD2; |
| Accession No. | Uniprot:P00533 |
| Calculated MW | 135 kDa |
| SDS-PAGE MW | 175 kDa |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

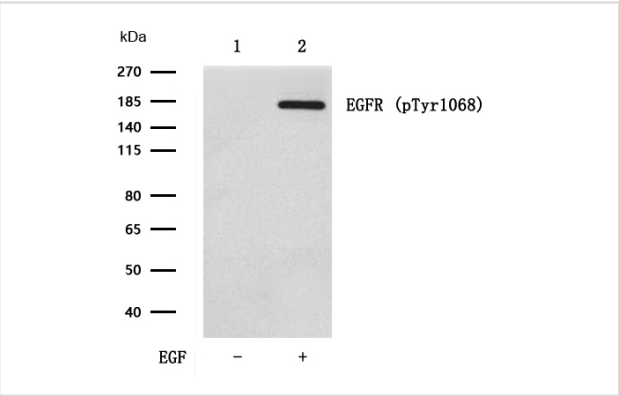
## Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

## Images



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Phospho-EGFR (Y1068) Antibody .




All lanes : EGFR (Phospho-Tyr1068) Rabbit mAb at 1/500 dilution Lane 1 : A431 whole cell lysates Lane 2 : A431 treated with 100ng/ml EGF for 20 minutes whole cell lysates Lysates/proteins at 20 µg per lane. Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution Predicted band size: 135 kDa Observed band size: 175 kDa Exposure time: 5 seconds

## Product Description

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. Can be phosphorylated and activated by Src.

## Published Papers

Xia Zhang el at., analysis: an analysis based on the European spontaneous adverse event reporting system, Frontiers in Pharmacology, (2025)
PMID:39877384

Note: This product is for in vitro research use only and is not intended for use in humans or animals.