

EGFR (Phospho-Tyr1068) Rabbit mAb

Catalog No: #14144

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

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

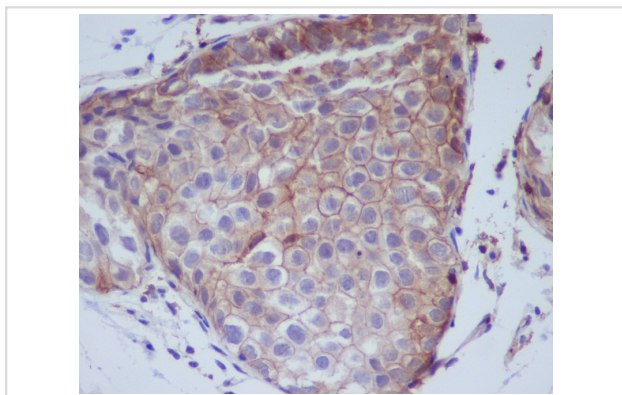
Description

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.

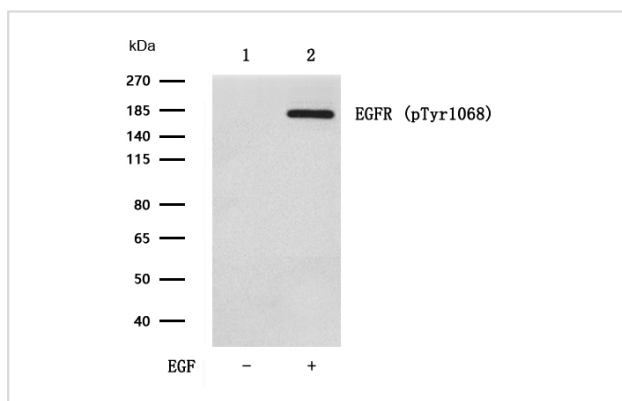
Application Details

WB:1:500~1:2000 IHC:1:50~1:200 ICC/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- α , 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 et al., analysis: an analysis based on the European spontaneous adverse event reporting system, *Frontiers in Pharmacology*, (2025)
[PMID:39877384](https://pubmed.ncbi.nlm.nih.gov/39877384/)

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