

EGF Receptor Recombinant Antibody | EGFR recombinant antibody

Phospho-EGF Receptor (Tyr1173) Antibody, Rabbit MAb

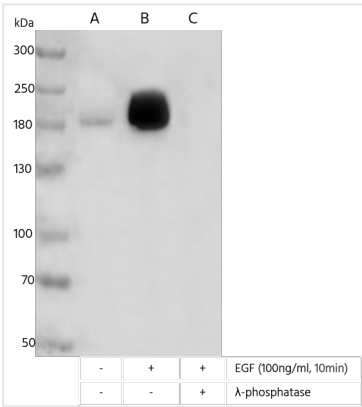
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259421	Rabbit	Human	Western Blot

PRODUCT SYNONYMS

EGF Receptor; Monoclonal Recombinant Antibody; Phospho-EGF Receptor (Tyr1173) Antibody; Rabbit MAb; epidermal growth factor receptor; Anti-ERBB Antibody; Anti-ERBB1 Antibody; Anti-ERRP Antibody; Anti-HER1 Antibody; Anti-mENA Antibody; Anti-NISBD2 Antibody; Anti-PIG61 Antibody; EGFR recombinant antibody

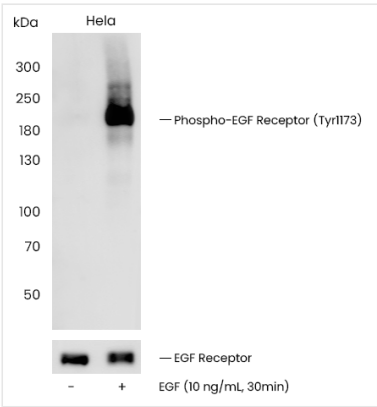
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	0002
Specificity	Human Species predicted to react based on 100% sequence homology: cynomolgus
Purity/Purification	Protein A
Form/Format	Liquid; 10 mM sodium HEPES, 150 mM NaCl, 100ug/mL BSA, 50% glycerol, pH 7.5
Applicable Applications for EGFR recombinant antibody	WB (Western Blot)
Immunogen	A synthetic phosphopeptide corresponding to residues around Tyr1173 of the Human Phospho-EGF Receptor
Preparation	This antibody was obtained from a rabbit immunized with a synthetic phosphopeptide corresponding to residues around Tyr1173 of the Human Phospho-EGF Receptor.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



WB (Western Blot)

Western blot analysis of extracts from serum-starved HeLa, untreated (line A); treated with EGF (Cat # 10605-HNAE)(10ng/mL, 30min; +); treated with calyculinA and lambda-phosphatase (line C) using Phospho-EGF Receptor (Tyr1173) rabbit monoclonal Antibody (#AAA259421) at 1:10000 dilution. (Validation Experiment)



WB (Western Blot)

Western blot analysis of extracts from serum-starved HeLa, untreated (-) or treated with EGF(10ng/mL, 30min) using Phospho-EGF Receptor (Tyr1173) rabbit monoclonal Antibody (#AAA259421) at 1:5000 dilution (upper), or Anti-EGFR Antibody, Rabbit Polyclonal at 1:2000 dilution (lower).

ADDITIONAL INFORMATION

Related Product Information for EGFR recombinant antibody	As a member of the epidermal growth factor receptor (EGFR) family, EGFR protein is type I transmembrane glycoprotein that binds a subset of EGF family ligands including EGF, amphiregulin, TGF-alpha, betacellulin, etc. EGFR protein plays a crucial role in signaling pathway in the regulation of cell proliferation, survival and differentiation. Binding of a ligand induces EGFR protein homo- or heterodimerization, the subsequent tyrosine autophosphorylation and initiates various down stream pathways (MAPK, PI3K/PKB and STAT). In addition, EGFR signaling also has been shown to exert action on carcinogenesis and disease progression, and thus EGFR protein is proposed as a target for cancer therapy currently.
Product Categories/Family for EGFR recombinant antibody	EGFR Signaling Pathway; Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Schlessinger. J. (2000). Cel. signalin. b. recepto. tyrosin. kinases. Cel. 103(2). 211-25. Giaccone. G. (2005). HER1/EGFR-targete. agents. predictin. th. futur. fo. patient. wit. unpredictabl. outcome. t. therapy. Ann. Oncol. 16(4). 538-48. Yarden. Y.. e. al. (2001). Untanglin. th. Erb. signallin. network. Nat. Rev. Mol. Cell. Biol. 2(2). 127-37.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.