



EGFR (Phospho-Tyr998) rabbit pAb

Cat No.:ES16782

For research use only

Overview

Product Name	EGFR (Phospho-Tyr998) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human EGFR (Phospho-Tyr998)
Specificity	This antibody detects endogenous phospho levels of EGFR (Phospho-Tyr998) at Human:Y998, Mouse:Y1000, Rat:Y999
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	EGFR (Phospho-Tyr998)
Gene Name	EGFR ERBB ERBB1 HER1
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Nucleus membrane; Single-pass type I membrane protein. Endosome . En
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	175kD
Human Gene ID	1956
Human Swiss-Prot Number	P00533
Alternative Names	Epidermal growth factor receptor (EC 2.7.10.1;Proto-oncogene c-ErbB-1;Receptor tyrosine-protein kinase erbB-1)
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. [provided by RefSeq, Jun 2016],

Immunohistochemical analysis of paraffin-embedded human colon cancer. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight). 3, Secondary antibody was diluted at 1:200(room temperature, 45min).

