

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 NameEGFR (Phospho-Tyr998)Gene NameEGFR 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)

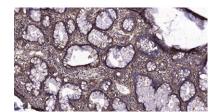
Background The protein encoded by this gene is a



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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],



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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).

