

Product datasheet for TA375747

EGFR Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 960-1060 of human

EGFR (NP 005219.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 44kDa/69kDa/77kDa/134kDa

Gene Name: epidermal growth factor receptor

Database Link: Entrez Gene 1956 Human

P00533

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.



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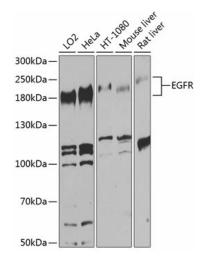
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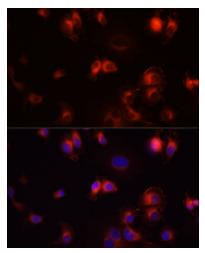


Synonyms:

ERBB; ERBB1; HER1; mENA; PIG61

Product images:





Western blot analysis of extracts of various cell lines, using EGFR antibody (TA375747) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 60s

Immunofluorescence analysis of A431 cells using EGFR antibody (TA375747) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.