

**EGFR (5E9) monoclonal antibody**

Catalog: MB3203

Host: Mouse

Reactivity: Human

**BackGround:**

EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF-alpha, 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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 134 kDa; Observed MW: 170 kDa

**Swiss-Prot:**

P00533

**Purification&Purity:**

Affinity Purified

**Applications:**

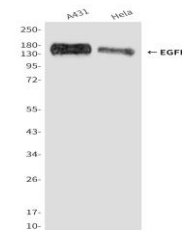
WB: 1/500-1/1000 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

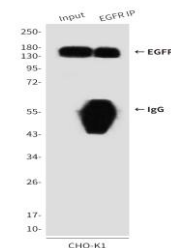
IgG1

**DATA:**

Western blot analysis of EGFR in A431, HeLa lysates using EGFR antibody.

Immunoprecipitation analysis of EGFR in HeLa lysates using EGFR antibody

Western blot analysis of EGFR in EGF Receptor/ErbB1 in HeLa lysates using EGF Receptor/ErbB1 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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