EGFR (6H11) MOUSE MAB

Cat.#: N261442

Product Name: Anti-EGFR (6H11) Mouse Monoclonal Antibody

Synonyms: EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1

UNIPROT ID: P00533

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.

Immunogen: Purified recombinant human EGFR protein fragments expressed in E.coli.

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 6H11-2D11-G3

MW: Calculated MW: 134 kDa; Observed MW: 175 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Monkey

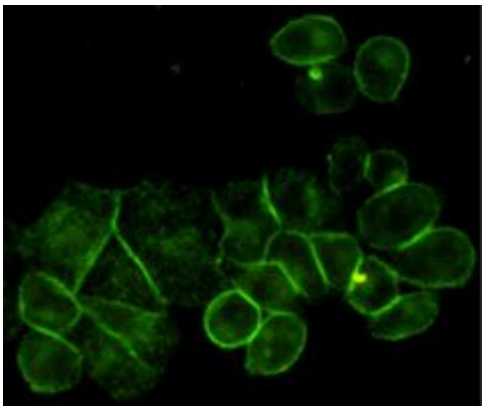
Conjugation: Unconjugated

Modification: Unmodified

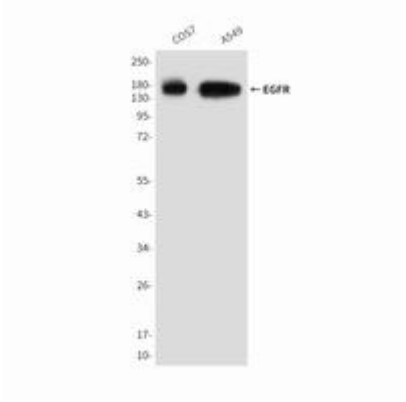
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

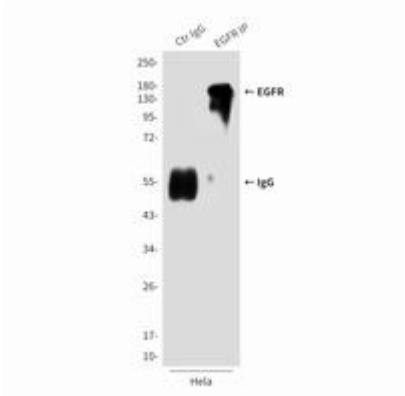
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



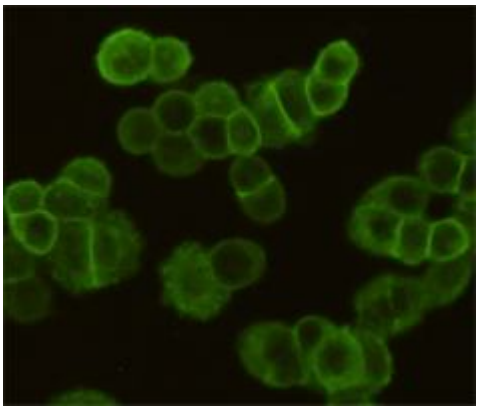
Immunocytochemistry analysis of EGFR (6H11) in HeLa using EGFR antibody.



Western blot analysis of EGFR in A549 and COS7 lysates using EGFR antibody.



Immunoprecipitation analysis of EGFR (6H11) in Hela lysates using EGFR antibody.



Immunocytochemistry analysis of EGFR in MDA-MB-468 cells using EGFR antibody.