

EGFR (3A9) monoclonal antibody

Catalog: MB3226

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:

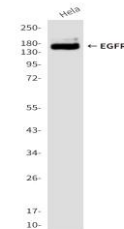
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

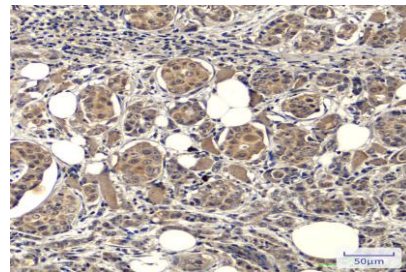
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

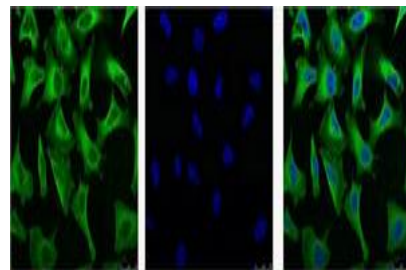
IgG1

DATA:

Immunofluorescence analysis of EGFR in HeLa using EGFR antibody and DAPI.



Western blot analysis of EGFR in HeLa lysates using EGFR antibody



Western blot analysis of EGFR in HeLa, A549 lysates using EGFR antibody

Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using EGFR antibody High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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