

Summary

Production Name	EGFR Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	EGFR
Alternative Names	EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1
Gene ID	1956.0
SwissProt ID	P00533. Purified recombinant human EGFR protein fragments expressed in E.coli.

Application

Dilution Ratio	WB:1:500-1:1000, IP:1:10-1:20
Molecular Weight	Calculated MW: 134 kDa; Observed MW: 175 kDa

Product Name: EGFR Mouse Monoclonal Antibody
Catalog #: AMM85063



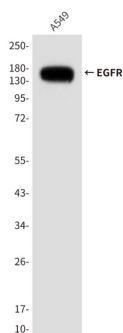
Background

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

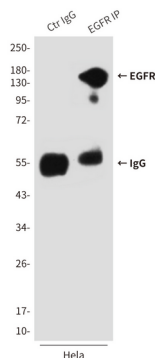
Research Area

TGF-beta signaling pathway, PI3K-Akt signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

Image Data



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



Immunoprecipitation analysis of EGFR in HeLa lysates using EGFR antibody.

Note

For research use only.