

Product Datasheet

EGF Receptor Mouse mAb

Catalog No: AB3301

Reactivity: Human, Monkey

Isotype: Mouse IgG1

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P00533

All Names: EC 2.7.10.1; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR; ERBB1; Epidermal growth factor receptor precursor

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 175KDa

Application

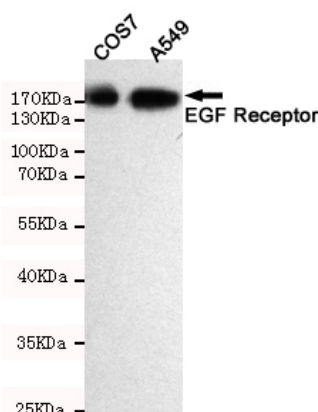
WB 1:2000

ICC/IF 1:200

IP

Background

Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses. Known ligands include EGF, TGFA/TGF- α , amphiregulin, epigen/EPGN, BTC/betacellulin, epiregulin/EREG and HBEGF/heparin-binding EGF. Ligand binding triggers receptor homo- and/or heterodimerization and autophosphorylation on key cytoplasmic residues.



Western blot detection of EGFR in A549 and COS7 cell lysates using EGFR mouse mAb(dilution 1:2000). Predicted band size:134 Kda.Observed band size:175KDa.

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