

EGFR (5E10) Mouse mAb

db6227

Package : 50µL 100µL

Product Name : EGFR (5E10) Mouse mAb**Cat.No.:** db6227**Synonyms** : ERBB;HER1;mENA;ERBB1;PIG61**Application** : WB, ICC/IF, IP**Reactivity** : Human, Monkey**Host species** : Mouse**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.

Immunogen

Purified recombinant human EGFR protein fragments expressed in E.coli

Gene ID

1956

Swiss Prot

P00533

Synonyms

ERBB;HER1;mENA;ERBB1;PIG61

Reactivity

Human, Monkey

Application

WB, ICC/IF, IP

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

IP: 1:20

Calculated MW

134 kDa

Observed MW

175 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

5E10-G10-E11

Isotype

IgG1

Purity

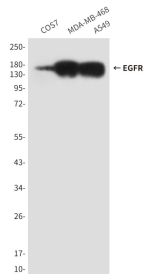
Affinity Purification

Conjugation

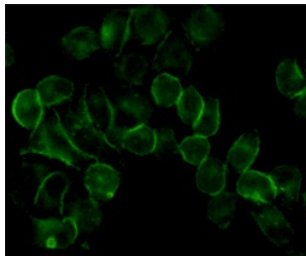
Un-conjugated

Storage Stability

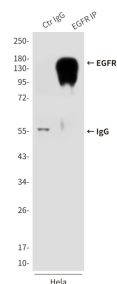
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



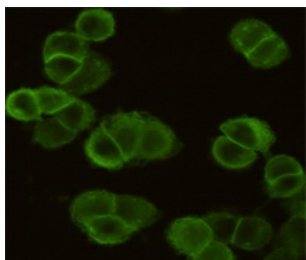
Western blot analysis of EGFR in A549, MDA-MB-468 and COS7 lysates using EGFR antibody.



Immunocytochemistry analysis of EGFR (5E10) in HeLa using EGFR antibody.



Immunoprecipitation analysis of EGFR (5E10) in HeLa lysates using EGFR antibody.



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