

## EGFR (6H11) Mouse mAb

db6228

Package : 50µL 100µL

**Product Name** : EGFR (6H11) Mouse mAb**Cat.No.:** db6228**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- $\alpha$ , 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

**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.**

6H11-2D11-G3

**Isotype**

IgG1

**Purity**

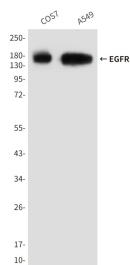
Affinity Purification

Conjugation

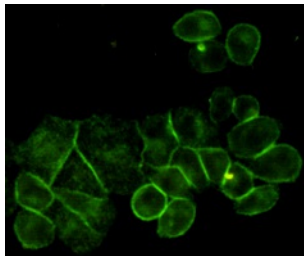
Un-conjugated

Storage Stability

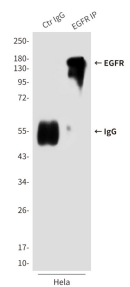
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.



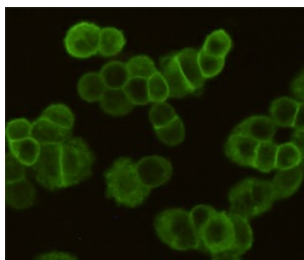
Western blot analysis of EGFR in A549 and COS7 lysates using EGFR antibody.



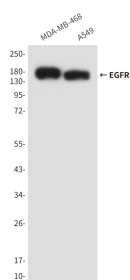
Immunocytochemistry analysis of EGFR (6H11) in HeLa using EGFR antibody.



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



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



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

