

Recombinant

DGRmAb®

## EGFR (DGR13669) Rabbit mAb

db14238

Package : 10µL 20µL 50µL 100µL

**Product Name** : EGFR (DGR13669) Rabbit mAb**Cat.No.:** db14238**Synonyms** : ERBB; HER1; mENA; ERBB1; PIG61; NISBD2**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq, Jun 2016]

**Immunogen**

A synthetic peptide of human EGFR

**Gene ID**

1956

**Swiss Prot**

P00533

**Synonyms**

ERBB; HER1; mENA; ERBB1; PIG61; NISBD2

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:200-1:500

FC: 1:100-1:1000

IP: 1:50

**Calculated MW**

134 kDa

**Observed MW**

175 kDa

**Host species**

Rabbit

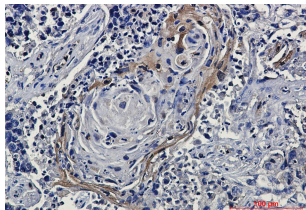
**Clonality**

Monoclonal

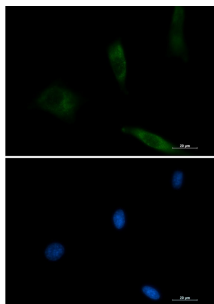
**Clonality No.**

DGR13669

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using db14238 antibody.



Immunofluorescent analysis of 3T3 cells using db14238 antibody (green), and DAPI (blue).