

Recombinant

DGRmAb®

Phospho-EGFR (Tyr1086) (DGR31586) Rabbit mAb

db12702

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-EGFR (Tyr1086) (DGR31586) Rabbit mAb**Cat.No.:** db12702**Synonyms** : ERBB; HER1; mENA; ERBB1; PIG61; NISBD2**Application** : WB, ICC/IF**Reactivity** : Human**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. EGFR is a component of the cytokine storm which contributes to a severe form of coronavirus disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). [provided by RefSeq, Jun 2020]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Tyr1086 of human EGFR

Gene ID

1956

Swiss Prot

P00533

Synonyms

ERBB; HER1; mENA; ERBB1; PIG61; NISBD2

Reactivity

Human

Application

WB, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

Calculated MW

134 kDa

Observed MW

175 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31586

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.