

A4929

Leader in Biomolecular Solutions for Life Science



## [KO Validated] EGFR Rabbit mAb

Catalog No.: A4929

**KO Validated**

**Recombinant**

**3 Publications**

### Basic Information

#### Observed MW

175kDa

#### Calculated MW

134kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC1138

### 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, thus inducing receptor dimerization and tyrosine autophosphorylation leading 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).

### Recommended Dilutions

WB 1:10000 - 1:140000

### Immunogen Information

#### Gene ID

1956

#### Swiss Prot

P00533

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 350-450 of human EGFR (NP\_005219.2).

#### Synonyms

ERBB; ERRP; HER1; mENA; ERBB1; PIG61; NISBD2; FR

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data

