A4929

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[KO Validated] EGFR Rabbit mAb

Catalog No.: A4929 KO Validated Recombinant 4 Publications

Basic Information

Observed MW
175kDa

Calculated MW
134kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Clone 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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1956

Swiss Prot
P00533

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃