

CAB5031

Product Information

Product SKU:	CAB5031	Gene ID:	1956	Size:	20uL, 100uL
Clone No:	ARC1139	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	175kDa	Conjugate:	Unconjugated
Calculated MW:	134kDa	Isotype:	IgG

Immunogen Information

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 Dilution: WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

Synonyms: ERBB; ERRP; HER1; mENA; ERBB1; PIG61; NISBD2; EGFR (L858R)

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 800-900 of human EGFR (L858R) (P00533).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.