Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human EGFR mAb

Catalog No.: RM98010

Basic Information

Catalog No.
RM98010

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

Contact

order@abclonal.com

support@abclonal.com

www.abclonal.com

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).

Immunogen Information

Immunogen
Recombinant human EGFR Protein

Cross-Reactivity

Human

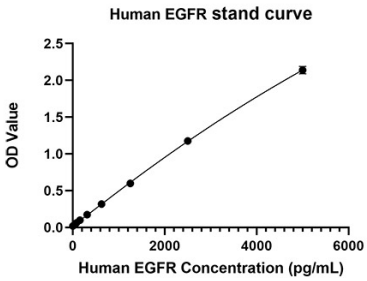
Assay Applications

Human EGFR Sandwich Immunoassay

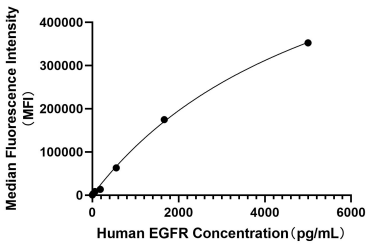
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Human EGFR mAb (Cat. No. RM98010)
	Detection	0.0125-0.05 μg/mL	Rabbit anti-Human EGFR mAb (Cat. No. RM98011)
	Standard	78.125-5000 pg/mL	Recombinant Human EGFR Protein (Cat. No. RP00210)

Multiplex	Capture	0.1-5 μg/mL	Rabbit anti-Human EGFR mAb (Cat. No. RM98010)
	Detection	0.5-2 μg/mL	Rabbit anti-Human EGFR mAb (Cat. No. RMK0427)
	Standard	6.86-5000 pg/mL	Recombinant Human EGFR Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



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