

# Rabbit anti-Human EGFR mAb(DET)

**Catalog No.: RM98011**

## Basic Information

**Catalog No.**  
RM98011

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

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## 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

## Cross-Reactivity

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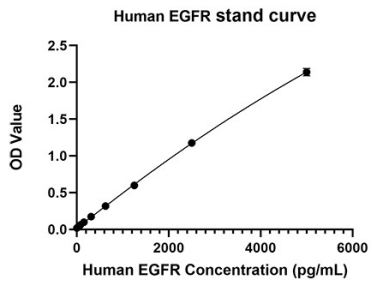
## Assay Applications

Human EGFR Sandwich ELISA Immunoassay

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

## Validation Data

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