

# APC/Cyanine7 Rabbit anti-Human EGFR mAb

Catalog No.: A26582

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

44kDa/69kDa/77kDa/134kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC61443-APC-Cy7

### Conjugate

APC-Cy7. Ex:651nm. Em:779nm.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## 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. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.

## Immunogen Information

### Gene ID

1956

### Swiss Prot

P00533

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 335-525 of human EGFR(NP\_005219.2).

### Synonyms

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

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

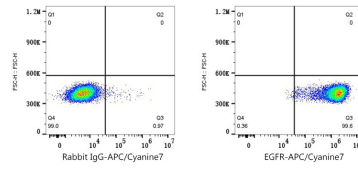
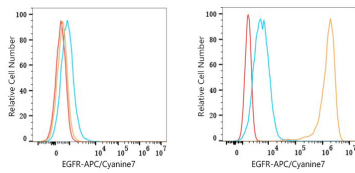
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> Jurkat cells (negative control, left) and A-431 cells (right) were surface-stained with APC/Cyanine7 Rabbit anti-Human EGFR mAb (A26582, 5 µl/Test, orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> A-431 cells were surface-stained with APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test, left) or APC/Cyanine7 Rabbit anti-Human EGFR mAb (A26582, 5 µl/Test, right).