

ABflo® 647 Rabbit anti-Human EGFR mAb

Catalog No.: A24266

Basic Information

Observed MW

Calculated MW

44kDa/69kDa/77kDa/134kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC61443-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

IF/ICC	1:50 - 1:200
FC	5 µl per 10 ⁶ cells in 100 µl 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

EGFR; ERBB; ERBB1; HER1; NISBD2; PIG61; mENA; epidermal growth factor receptor

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

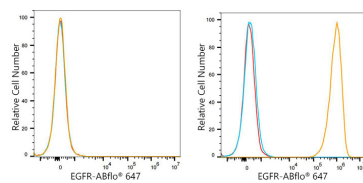
Affinity purification

Storage

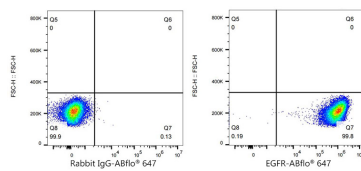
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

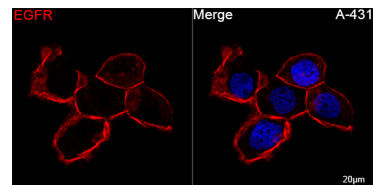
Validation Data



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and A-431 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human EGFR mAb (A24266, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 A-431 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human EGFR mAb (A24266, 5 μ l/Test, right).



Confocal imaging of A-431 cells using ABflo® 647 Rabbit anti-Human EGFR mAb (A24266, dilution 1:25). DAPI was used for nuclear staining (Blue). Objective: 100x.