Leader in Biomolecular Solutions for Life Science

ABflo® 488 Rabbit anti-Human EGFR mAb

ABclonal Technology®
www.abclonal.com

Catalog No.: A24265

Basic Information

Observed MW

Calculated MW
44kDa/69kDa/77kDa/134kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC61443-ABflo488

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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.

Recommended Dilutions

FC   5 µl per 10^6 cells in 100 µl volume

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

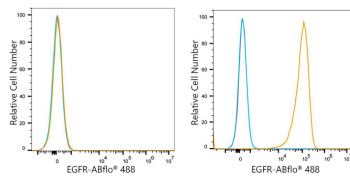**Isotype**
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 Jurkat cells (negative control,left) and A-431 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human EGFR mAb(A24265,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained cells were used as blank control (red line).
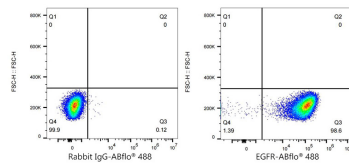
Flow cytometry:1X10^6 A-431 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human EGFR mAb(A24265,5 µl/Test,right).