

Technical Data Sheet

iF647 Anti-Human EGFR

Catalog Number: 100107, 100108

Size: 25 tests, 100 tests

Target Name: EGFR, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, HER1

Regulatory Status: RUO

Product Details

Clone: 528

Application: FC

Reactivity: Human

Format: iF647

Isotype: Mouse IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

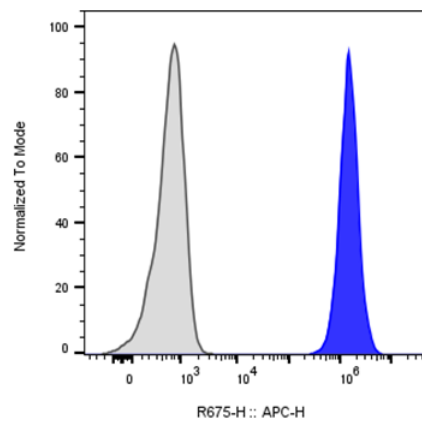
Recommended Usage: For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Red Laser (633 nm)

Background Information

Epidermal growth factor receptor (EGFR) is a transmembrane glycoprotein and member of the protein kinase superfamily that regulates cell growth and differentiation. EGFR binds EGF, TGF-?, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30, and vaccinia virus growth factor - all members of the EGF family.

Product Data



A-431 cells stained either purified iF647 Anti-Human EGFR clone 528 (color-filled histogram) or an isotype control (gray histogram), followed by PE conjugated secondary anti-mouse.