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12-9502: Anti-EGFRVIII antibody(2E12); IgG1 Chimeric mAb

Clonality: Monoclonal
Clone Name: 2E12
Application: FACS
Reactivity: Human
Uniprot ID: P00533

Alternative Name: EGFR;RBB;RBB1;ER1;IG61;ENA **Isotype**: Rabbit/Human Fc chimeric IgG1

Description

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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.

Product Info

Amount: 10 μg / 100 μg

Purification: Purified from cell culture supernatant by affinity chromatography

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for

Storage condition: use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized

proteins are shipped at ambient temperature.

Application Note

FACS 1/100

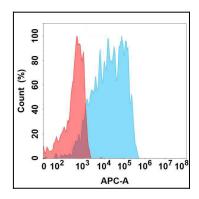


Figure 1. Flow cytometry analysis with Anti-EGFRVIII (2E12) mAb on Expi293 cells transfected with human EGFRVIII (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).