

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

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|---------------------------|-------------------------------|
| 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

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

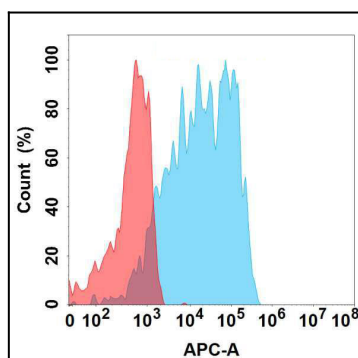


Figure 1. Flow cytometry analysis with Anti-EGFRVIII (2E12) mAb on Expi293 cells transfected with human EGFRVIII (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).