

**PRODUCT INFORMATION**

<b>Clone ID</b>	2E12
<b>Target</b>	EGFRVIII
<b>Synonyms</b>	EGFR;RBB;RBB1;ER1;IG61;ENA
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-EGFRVIII antibody(2E12); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P00533
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1/100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only



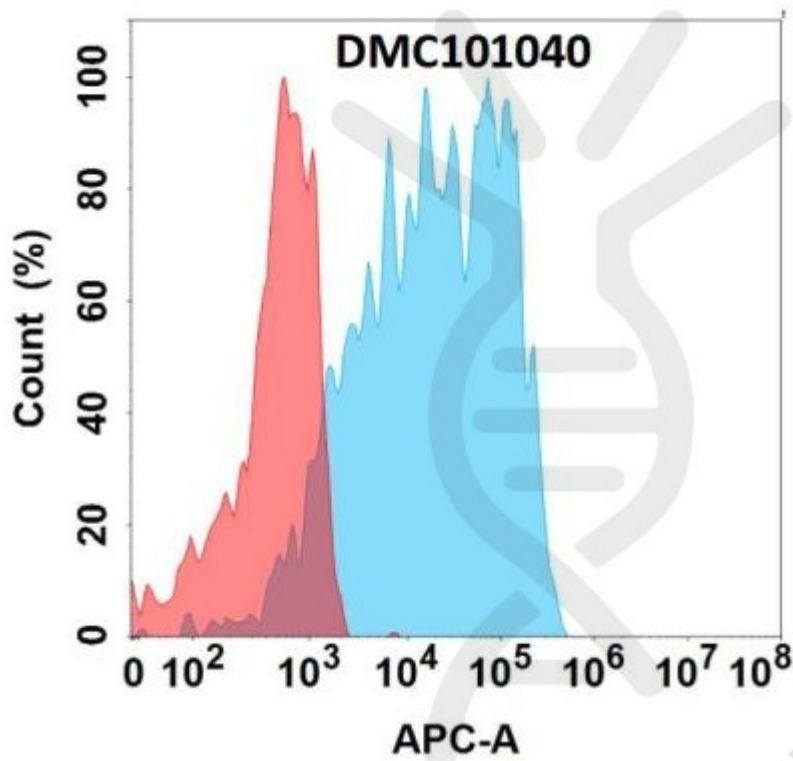


Figure 1. Flow cytometry analysis with Anti-EGFRVIII (2E12) mAb on Expi293 cells transfected with human EGFRVIII (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

