

PRODUCT INFORMATION

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



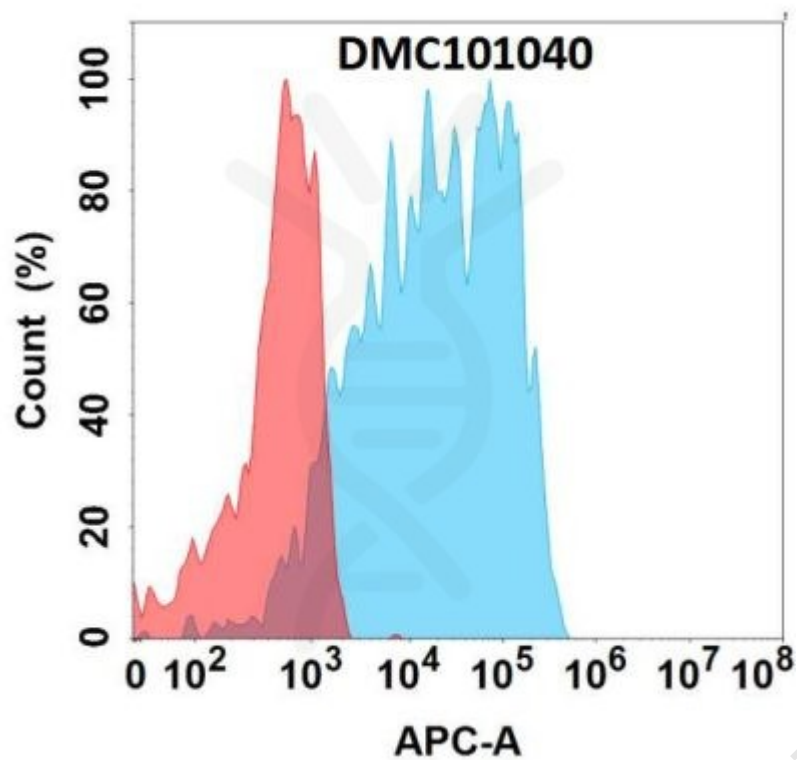


Figure 1. Flow cytometry analysis with Anti-EGFRVIII (2E12) mAb on Expi293 cells transfected with human EGFRVIII (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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