

PRODUCT INFORMATION

Warning . Undefined variable \$hasAttributeValueDescription in Calwawroottmirror.dimablo.com/wp-content\plugins/woocommerce-print-products-public.php on line 2806 bM128 Clone ID

EGFR;ERBB;ERBB1;HER1;PIG61;mENA

Host Species Rabbit

Anti-EGFR antibody(DM128); Rabbit mAb Description Delivery In Stock

Uniprot ID P00533 IgG type Rabbit IgG Clonality Monoclonal Reactivity Application ELISA; Flow Cyt

Recommend Dilutions ELISA 1:5000-10000; 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.

Scre 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. 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. EGRs is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and fyrosine autohopsophorylation and feats to cell proliferation. Mutations in this gene are associated with lung cancer. Storage & Shipping

Usage Research use only

Nuconjugated
All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement. DIMA Disclaimer

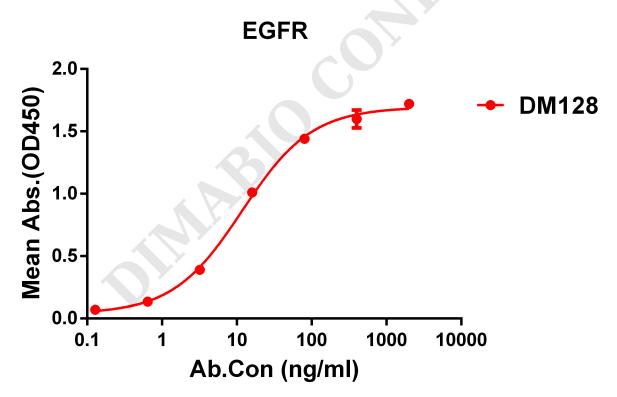


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human EGFR protein, His tagged protein PME100099 can bind Rabbit anti-EGFR monoclonal antibody (clone: DM128) in a linear range of 0. 1-18 ng/ml.

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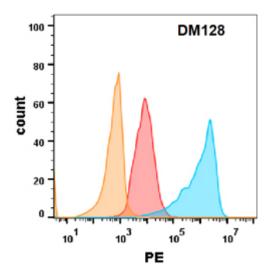


Figure 2. EGFR protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-EGFR (DM128) on HEK293 cells transfected with human EGFR(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein(Orange histogram)

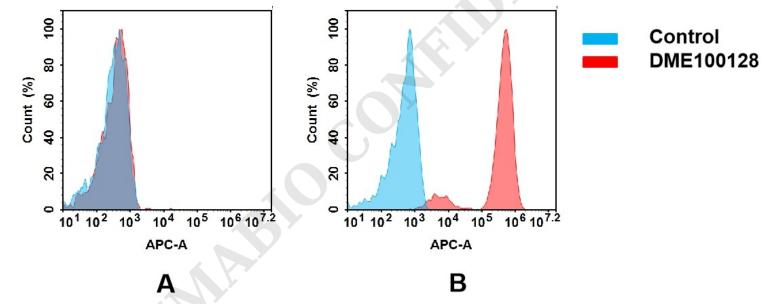
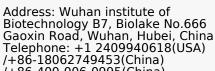


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human EGFR mAb(DME100128).

(A) DME100128 does not bind to Jurkat cells that do not express EGFR.

(B) A clear peak shift of DME100128 was seen compared to the control when incubated with EGFR-expressing A431 cells, and included the control with the control with EGFR-expressing A431 cells, and included the control with EGFR-expressing A431 cells, and i indicating strong binding of DME100128 to EGFR. Antibodies were incubated at 5 μg/mL.

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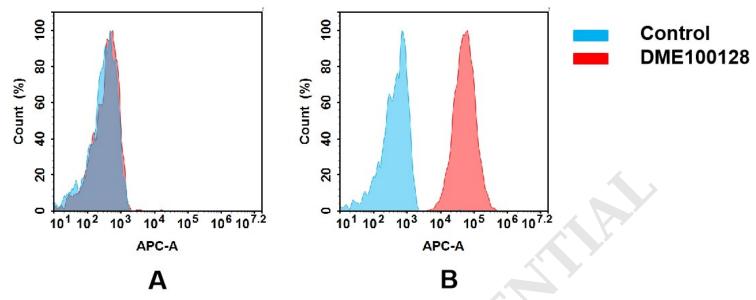


Figure 4. Flow cytometry analysis of antigen binding of rabbit anti-human EGFR mAb(DME100128). (A) DME100128 does not bind to Jurkat cells that do not express EGFR. (B) A clear peak shift of DME100128 was seen compared to the control when incubated with EGFR-expressing SNU-5 cells, indicating strong binding of DME100128 to EGFR. Antibodies were incubated at 5 μ g/mL.

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