

## EGFR (DM128) RABBIT MAB

**Cat.#:** 28473

**Product Name:** Anti-EGFR(DM128) Rabbit Monoclonal Antibody

**Synonyms:** EGFR;ERBB;ERBB1;HER1;PIG61;mENA

**Description:** Anti-EGFR antibody(DM128) Rabbit Monoclonal Antibody

**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.

**Applications:** ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human EGFR

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**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).

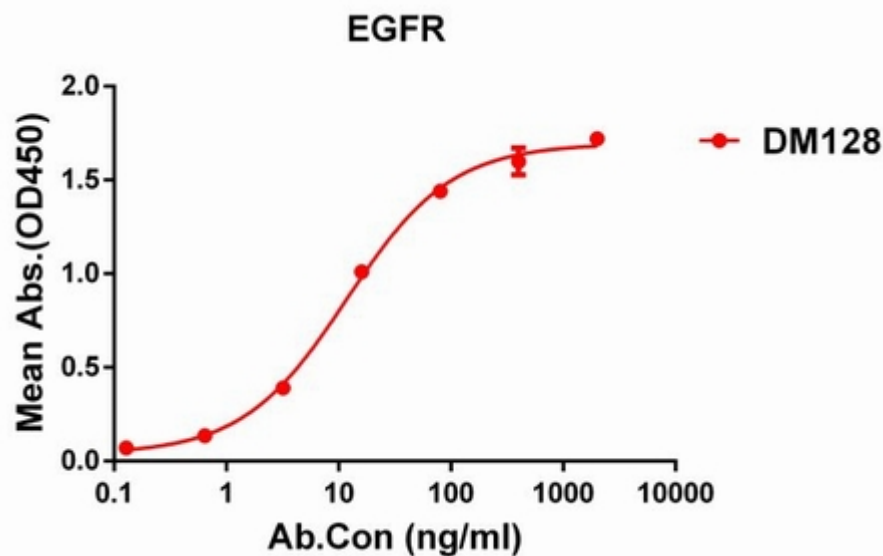


Figure 1. ELISA plate pre-coated by 1  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) Human EGFR protein, His tagged protein 11218 can bind Rabbit anti-EGFR monoclonal antibody (clone: DM128) in a linear range of 0.1-18 ng/ml.