

EGFR (DM130) RABBIT MAB

货号: 28475

产品全名: EGFR(DM130) 兔单克隆抗体

基因符号 EGFR;ERBB;ERBB1;HER1;PIG61;mENA

描述: EGFR antibody(DM130) 兔单克隆抗体

背景: 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.

经过测试的应用: ELISA; Flow Cyt

推荐稀释比: ELISA 1:5000-10000; Flow Cyt 1:100

种属反应性: Rabbit

亚型: Rabbit IgG

纯化: Purified from cell culture supernatant by affinity chromatography

种属反应性: 人 EGFR

成分: Lyophilized from sterile PBS, pH 7.4. 5% - 8% trehalose is added as protectants before lyophilization.

储存和运输: 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).

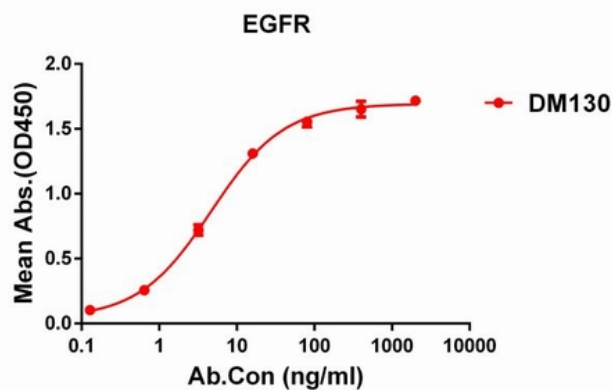


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human EGFR protein, His tagged protein 11218 can bind Rabbit anti-EGFR monoclonal antibody (clone: DM130) in a linear range of 0.06-12 ng/ml.

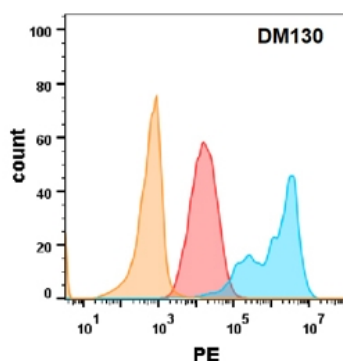


Figure 2. EGFR protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-EGFR (DM130) on Expi293 cells transfected with human EGFR (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram)