

12-9304: Anti-EGFR antibody(DM130), Rabbit mAb

Clonality : Monoclonal
Clone Name : DM130
Application : ELISA,FACS
Reactivity : Human
Alternative Name : EGFR,ERBB,ERBB1,HER1,PIG61,mENA

Description

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.

Product Info

Amount : 100 µg
Purification : Purified from cell culture supernatant by affinity chromatography
Content : Not Sterile
Storage condition : Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

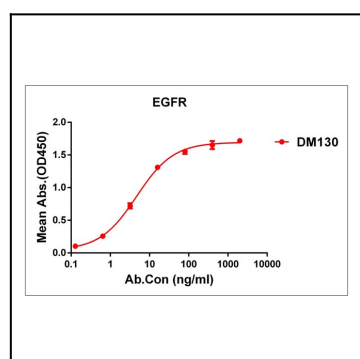


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human EGFR protein, His tagged protein can bind Rabbit anti-EGFR monoclonal antibody(clone: DM130) in a linear range of 0.06-12 ng/ml.

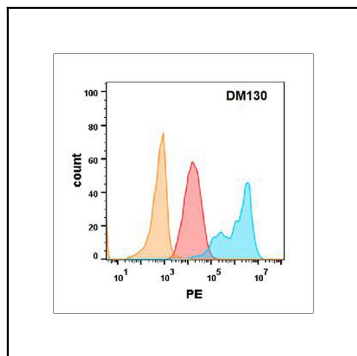


Figure 2. EGFR protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-EGFR (DM130) on Expi293 cells transfected with human EGFR(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram),and Isotype antibody on Expi293 transfected with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