

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

12-9302: Anti-EGFR antibody(DM128), Rabbit mAb

Clone Name: Monoclonal
Clone Name: DM128
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

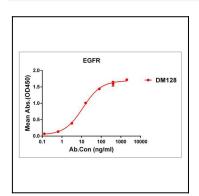


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human EGFR protein, His tagged protein can bind Rabbit anti-EGFR monoclonal antibody(clone: DM128) in a linear range of 0. 1-18 ng/ml.



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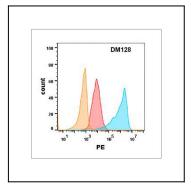


Figure 2. EGFR protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-EGFR (DM128) on Expi293 cells transfected with human EGFR(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein(Orange histogram)