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(818)-707-0392 (Fax)
order@abiocode.com
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EGFR (N2) Antibody, Mouse Monoclonal

Cat#: M0106-2

Quantity: 100 ul

Predicted M.W.: 134 kDa

Isotype: IgG1

Lot#: Refer to vial

Application: WB

Uniprot ID: P00533

Background:

Epidermal growth factor receptor (EGFR) is a transmembrane glycoprotein that is a member of the protein kinase superfamily. It is a receptor for EGF along with other members of the EGF family. Binding of the receptor to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in EGFR are associated with lung cancer.

Other Names:

ERBB, ERBB1, HER1, PIG61, mENA

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human EGFR. Antibodies were purified by Caprylic Acid-Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

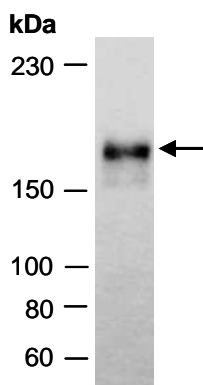


Fig 1. Western blot of total cell extracts from human A431, using Ab (M0106-2) at RT for 2 h. The observed M.W. of EGFR is approximately 175 kD.