

For Research Use Only

Anti-Human EGFR Rabbit scFv Antibody

Catalog Number: SF98344-1-RR



Basic Information

Catalog Number:

SF98344-1-RR

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG0204

GenBank Accession Number:

NM_005228.5

GeneID (NCBI):

1956

Full Name:

epidermal growth factor receptor
(erythroblastic leukemia viral (v-erb-
b) oncogene homolog, avian)

Calculated MW:

134kd

Purification Method:

Affinity purification

CloneNo.:

242684A1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl

suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : A431 cells,

Background Information

EGFR, also named as ERBB1, is a cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. The gene resides on chromosome 7p12, encoding a 170 kDa membrane-associated glycoprotein. Recent studies have shown EGFR plays a critical role in cancer development and progression, including cell proliferation, apoptosis, angiogenesis, and metastatic spread. Mutations in this gene are associated with lung cancer.

Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

50mM HEPES, 150mM NaCl, 5mM EDTA, 5mM DTT, 5% Trehalose, 0.01% Proclin300, pH7.3

For technical support and original validation data for this product please contact:

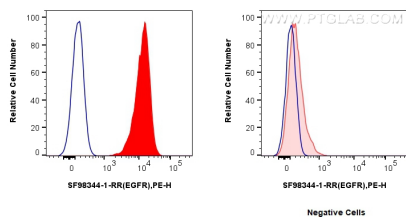
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ A431 cells (left) or SW480 cells (right) were surface stained with 0.25 ug Anti-Human EGFR Rabbit scFv Antibody (SF98344-1-RR, Clone: 242684A1) (red) or 0.25 ug Anti-N/A IgG Isotype Control Rabbit scFv Antibody (SF98136-1-RR, Clone: 240953C9) (blue), and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). Cells were not fixed.