

For Research Use Only

Anti-Human EGFR Rabbit scFv Antibody

Catalog Number: SF98344-1-RR



Basic Information

Catalog Number: SF98344-1-RR	GenBank Accession Number: NM_005228.5	Purification Method: Affinity purification
Size: 100ug , Concentration: 1000 ug/ml by 1956 Nanodrop;	GeneID (NCBI): 1956	CloneNo.: 242684A1
Source: Rabbit	Full Name: epidermal growth factor receptor (erythroblastic leukemia viral (v-erb- b) oncogene homolog, avian)	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Type: scFv	Calculated MW: 134kd	
Immunogen Catalog Number: EG0204		

Applications

Tested Applications: FC	Positive Controls: FC : A431 cells,
Species Specificity: human	

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

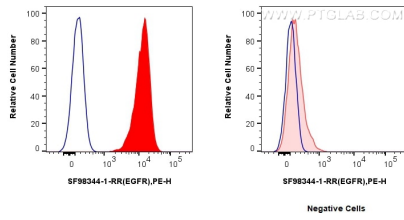
Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
50mM HEPES, 150mM NaCl, 5mM EDTA, 5mM DTT, 5% Trehalose, 0.01% Proclin300, pH7.3

*** 20ul sizes contain 0.1% BSA

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



1×10^6 A431 cells (left) or SW480 cells (right) were surface stained with 0.25 μ g Anti-Human EGFR Rabbit scFv Antibody (SF98344-1-RR, Clone: 242684A1) (red) or 0.25 μ g 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.