

PE-Labeled Recombinant Human ERBB1/HER1/EGFR (25-378) Protein RPCB0558

Protein Information

Size:	100 µg	Tag:	C-His&Avi
Reactivity:	Human	Expressed Host:	-
Calculated MW:	41.6 kDa	Observed MW:	-

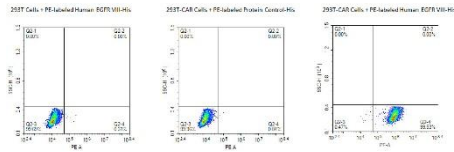
Background

The epidermal growth factor receptor (EGFR) is overexpressed in a variety of human epithelial tumors, often as a consequence of gene amplification. Tumors with EGFR gene amplification frequently contain EGFR gene rearrangements, with the most common extracellular domain mutation being EGFRvIII. This mutation leads to a deletion of exons 2-7 of the EGFR gene and renders the mutant receptor incapable of binding any known ligand.

Properties

Synonyms:	ErbB, EC 2.7.10, EC 2.7.10.1, EGFR, mENA, LEGFR, ERBB, ERBB1, HER1, PIG61, NISBD2
Gene ID:	1956
Endotoxin:	< 1 EU/µg of the protein by LAL method
Description:	High quality, high purity and low endotoxin recombinant PE-Labeled Recombinant Human HER1/ERBB1/EGFR (25-378) Protein (RP00500PLQ), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	-
Storage:	Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

Validation Data



FACS Analysis of Anti-EGFRVIII CAR Expression. 293T cells were transfected with anti-EGFRVIII-scFv and His tag. Cells were incubated with 5 μ g/mL PE-Labeled Human EGFRVIII, His Tag and PE-labeled protein control. Non-transfected 293T cells and PE-labeled protein control were used as negative control.