

Active Recombinant Monkey ERBB3 Protein, Alexa Fluor 647 conjugated

Cat. No. ERBB3-1180RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant rhesus ERBB3 (XP_001113953.2) (Met1-Thr643) was expressed with six amino acids (LEVLFQ) at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	631
Form	Lyophilized
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized Rhesus ERBB3 at 10 µg/mL (100 µL/well) can bind Human Fc-NRG1 (isoform Beta1). The EC50 of Human Fc-NRG1 (isoform Beta1) is 0.51-1.19 µg/mL.
Molecular Mass	69.5 kDa
N-terminal Sequence Analysis	Ser 20
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, 10 % Glycerol, 0.01 % Tween 20, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	ERBB3 erb-b2 receptor tyrosine kinase 3 [<i>Macaca mulatta</i>]
Official Symbol	ERBB3
Synonyms	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3
Gene ID	711407

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