Recombinant Rat Erbb2 Protein, None-tagged, Alexa Fluor 488 conjugated

Cat. No. Erbb2-4099RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Erbb2 Protein extracellular domain (AAH61863.1, 4-656aa), was produced in Human Cell with C-terminal ALEVLFQ (7 additional amino acids) and Alexa Fluor 488 conjugate.
Species	Rat
Source	HEK293
ProteinLength	4-656 aa
Form	Lyophilized
Molecular Mass	The recombinant rat ErbB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 638 amino acids and predicts a molecular mass of 70.6 kDa. The apparent molecular mass of the rat ErbB2 is approximately 95-105 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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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, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Erbb2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Rattus norvegicus]
Official Symbol	Erbb2
Gene ID	24337
mRNA Refseq	NM_017003
Protein Refseq	NP_058699

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