

Recombinant Monkey ERBB2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. ERBB2-4112RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Rhesus ERBB2 Protein extracellular domain (XP_001090430.1, 1-652aa), was produced in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 488 conjugate.

Species Monkey

Source HEK293

ProteinLength 1-652 aa

Form Lyophilized

Molecular Mass The recombinant Rhesus ErbB2/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 870 amino acids and predicts a molecular mass of 96.3 kDa. As a result of glycosylation, rhesus ErbB2/Fc monomer migrates as an approximately 130 kDa band in SDS-PAGE under reducing conditions.

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) [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	ERBB2
Gene ID	697573
mRNA Refseq	XM_002800451
Protein Refseq	XP_002800497

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