

# Recombinant Monkey ERBB2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** ERBB2-4112RAF555    **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 555 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 555 via amines  
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [ <i>Macaca mulatta</i> (Rhesus monkey) ]
<b>Official Symbol</b>	ERBB2
<b>Gene ID</b>	697573
<b>mRNA Refseq</b>	XM_002800451
<b>Protein Refseq</b>	XP_002800497

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