

# Recombinant Monkey ERBB2 Protein, Fc-tagged, FITC conjugated

**Cat. No.** ERBB2-1216CF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Monkey ERBB2 Protein (1-652aa, Rhesus ERBB2 XP_001090430.1 with Asp121Asn/Leu122Pro mutation, similar to Macaca fascicularis ERBB2 EHH58073.1), was expressed in HEK293 with C-terminal human IgG1 Fc tag and FITC conjugate.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-652 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	96.4 kDa
<b>N-terminal Sequence Analysis</b>	Thr 23
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines

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	<p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<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, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ERBB2 erb-b2 receptor tyrosine kinase 2 [ <i>Macaca fascicularis</i> ]
<b>Official Symbol</b>	ERBB2
<b>Synonyms</b>	erb-b2 receptor tyrosine kinase 2; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2
<b>Gene ID</b>	102146608

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