

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

Cat. No. ERBB2-1216CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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 Alexa Fluor 555 conjugate.
Species	Monkey
Source	HEK293
ProteinLength	1-652 aa
Form	Lyophilized
Molecular Mass	96.4 kDa
N-terminal Sequence Analysis	Thr 23
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines

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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.

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, 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 555

GENE INFORMATION

Gene Name

ERBB2 erb-b2 receptor tyrosine kinase 2 [*Macaca fascicularis*]

Official Symbol

ERBB2

Synonyms

erb-b2 receptor tyrosine kinase 2; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2

Gene ID

102146608

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