

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

**Cat. No.** ERBB2-1216CAF555    **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 Alexa Fluor 555 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<br>Labeled with Alexa Fluor 555 via amines                                                                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA