Recombinant Mouse Erbb2 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Erbb2-2514MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Erbb2 Protein extracellular domain (P70424, 1-653aa), was produced in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 647 conjugate.
Species	Mouse
Source	HEK293
ProteinLength	1-653 aa
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse ERBB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 872 amino acids and has a calculated molecular mass of 96.7 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 120-130 kDa 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 647 via amines Excitation = 650 nm Emission = 668 nm

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 647

GENE INFORMATION

Gene Name	Erbb2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Mus musculus]
Official Symbol	Erbb2
Gene ID	13866
mRNA Refseq	NM_001003817
Protein Refseq	NP_001003817

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