

# Recombinant Mouse Erbb2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Erbb2-2514MAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Erbb2 Protein extracellular domain (P70424, 1-653aa), was produced in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 555 conjugate.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-653 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	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

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	TRITC/Cy3 filters.
<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>Mus musculus</i> ]
<b>Official Symbol</b>	<a href="#">ErbB2</a>
<b>Gene ID</b>	<a href="#">13866</a>
<b>mRNA Refseq</b>	<a href="#">NM_001003817</a>
<b>Protein Refseq</b>	<a href="#">NP_001003817</a>

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