Recombinant Canine ERBB2 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. ERBB2-171CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine ERBB2 Protein (ABW99108.1, 1-652aa), was expressed in HEK293 with C-terminal His tag and Alexa Fluor 647 conjugate.
Species	Dog
Source	HEK293
ProteinLength	1-652 aa
Form	Lyophilized
Molecular Mass	The recombinant canine ERBB2 comprises 641 amino acids and has a predicted molecular mass of 70.4 kDa. The apparent molecular mass of the protein is approximately 75-95 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Canis lupus familiaris]
Official Symbol	ERBB2
Synonyms	ERBB2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); receptor tyrosine-protein kinase erbB-2; erbB-2; c-erbB-2; p185erbB2; proto-oncogene c-ErbB-2; HER-2;
Gene ID	403883
mRNA Refseq	NM_001003217
Protein Refseq	NP_001003217

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