

# HER2 / ErbB2 (Phospho-Thr 686) Conjugated Antibody

Catalog No: #C13328

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Package Size: #C13328-AF350 100ul #C13328-AF405 100ul #C13328-AF488 100ul

#C13328-AF555 100ul #C13328-AF594 100ul #C13328-AF647 100ul

#C13328-AF680 100ul #C13328-AF750 100ul #C13328-Biotin 100ul

## Description

Product Name	HER2 / ErbB2 (Phospho-Thr 686) Conjugated Antibody
Host Species	Goat
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	A short amino acid sequence containing Ser 32 phosphorylated IκB-α of human origin.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	I kappa B alpha antibody I-kappa-B-alpha antibody IkappaBalphabeta antibody IκB-alpha antibody IKBA antibody IKBA_HUMAN antibody IκBalpha antibody MAD 3 antibody MAD3 antibody Major histocompatibility complex enhancer-binding protein MAD3 antibody NF kappa B inhibitor alpha antibody NF-kappa-B inhibitor alpha antibody NFKBI antibody NFKBIA antibody Nuclear factor of kappa light chain gene enhancer in B cells antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha antibody
Accession No.	Swiss-Prot#:P25963
Uniprot	P25963
GeneID	4792;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	41
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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On the basis of both functional and structural considerations, members of the I $\kappa$ B family of proteins can be divided into four groups. The first of these groups, I $\kappa$ B- $\alpha$ , includes the avian protein pp40 and the mammalian MAD-3, both of which inhibit binding of p50-p65 NF $\kappa$ B complex or Rel protein to their cognate binding sites but do not inhibit the binding of p50 homodimer to  $\kappa$ B sites, suggesting that the I $\kappa$ B- $\alpha$  family binds to the p65 subunit of p50-p65 heterocomplex through Ankyrin repeats. The second member of the I $\kappa$ B family is represented by a protein designated I $\kappa$ B- $\beta$ . The third group of I $\kappa$ B proteins is represented by I $\kappa$ B- $\gamma$ , a protein identical in sequence with the C-terminal domain of the p110 precursor of NF $\kappa$ B p50 and expressed predominantly in lymphoid cells. An additional I $\kappa$ B family member has been identified as I $\kappa$ B- $\epsilon$ , a protein which has several phosphorylated forms and is primarily found complexed with RelA and/or c-Rel.

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Note: This product is for in vitro research use only