

## NFκB-p100/p52 (Ab-866) Conjugated Antibody

Catalog No: #C21015



Package Size: #C21015-AF350 100ul #C21015-AF405 100ul #C21015-AF488 100ul  
 #C21015-AF555 100ul #C21015-AF594 100ul #C21015-AF647 100ul  
 #C21015-AF680 100ul #C21015-AF750 100ul #C21015-Biotin 100ul

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## Description

Product Name	NFκB-p100/p52 (Ab-866) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NFκB-p100/p52 protein.
Immunogen Description	Peptide sequence around aa.864~868 (E-D-S-A-Y) derived from Human NFκB-p100/p52.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA-binding factor KBF2;H2TF1;Lymphocyte translocation chromosome 10;Lyt10;NFκB2
Accession No.	Swiss-Prot#: Q00653NCBI Gene ID:4791NCBI mRNA#:NM_001077493.1 NCBI Protein#:NP_001070961.1
Uniprot	Q00653
GeneID	4791;
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	120
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

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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NFKB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth.

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Note: This product is for in vitro research use only