NFkB p100 Conjugated Antibody

Catalog No: #C49633

Package Size: #C49633-AF350 100ul #C49633-AF405 100ul #C49633-AF488 100ul #C49633-AF555 100ul #C49633-AF594 100ul #C49633-AF647 100ul #C49633-AF680 100ul #C49633-AF750 100ul #C49633-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	NFkB p100 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CVID10 antibody DNA binding factor KBF2 antibody H2TF1 antibody Lymphocyte translocation chromosome 10 protein antibody LYT 10 antibody NF kB2 antibody NFKB p52/p100 subunit antibody Nuclear factor Kappa B subunit 2 antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 (p49/p100) antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 antibody Oncogene Lyt 10 antibody p100 antibody Transcription factor NFKB2 antibody
Accession No.	Swiss-Prot#:Q00653
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	100 kDa
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

Background

NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. p52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. p52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65.

Note: This product is for in vitro research use only