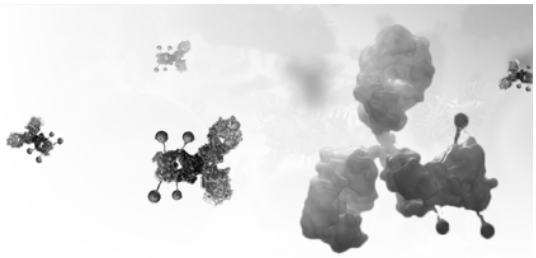

Mouse NFKB2 blocking peptide (CDBP2034)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	NF - kB p52 (C - term) peptide (mouse)
Antigen Description	This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]
Species	Mouse
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	0.2 mg/ml
Size	100 µg
Buffer	PBS with 100ug BSA 0.1% sodium azide
Preservative	0.1% Sodium Azide
Storage	Keep as concentrated solution, aliquot and store at 4°C.

GENE INFORMATION

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Gene Name	NFKB2 nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100) [Homo sapiens (human)]
Official Symbol	NFKB2
Synonyms	NFKB2; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100); p52; p105; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; nuclear factor NF-kappa-B p100 subunit; oncogene Lyt-10; NFKB, p52/p100 subunit; DNA-binding factor KBF2; transcription factor NFKB2; nuclear factor Kappa-B, subunit 2; lymphocyte translocation chromosome 10 protein; nuclear factor of Kappa light chain gene enhancer in B cells 2;
Entrez Gene ID	4791
mRNA Refseq	NM_001077494.3
Protein Refseq	NP_001070962.1
UniProt ID	Q00653
Chromosome Location	10q24
Pathway	Activated TLR4 signalling, organism-specific biosystem; Alternative NF-kappaB pathway, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DEx/H-box helicases activate type I IFN and inflammatory cytokines production, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; EBV LMP1 signaling, organism-specific biosystem; Epstein-Barr vi
Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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