



Anti-NFKB1Z monoclonal antibody, clone 2F9 (DCABH-770)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to IKB zeta
Antigen Description	Involved in regulation of NF-kappa-B transcription factor complexes. Inhibits NF-kappa-B activity without affecting its nuclear translocation upon stimulation. Inhibits DNA-binding of RELA and NFKB1/p50, and of the NF-kappa-B p65-p50 heterodimer and the NF-kappa-B p50-p50 homodimer. Seems also to activate NF-kappa-B-mediated transcription. In vitro, upon association with NFKB1/p50 has transcriptional activation activity and, together with NFKB1/p50 and RELA, is recruited to LCN2 promoters. Promotes transcription of LCN2 and DEFB4. Is recruited to IL-6 promoters and activates IL-6 but decreases TNF-alpha production in response to LPS. Seems to be involved in the induction of inflammatory genes activated through TLR/IL-1 receptor signaling. May promote apoptosis.
Immunogen	Recombinant full length Human IKB zeta produced in E.coli (NP_113607).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2F9
Purity	Protein G purified
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	HEK293T cells and cell lysate transfected with pCMV6-ENTRY IKB zeta cDNA; Jurkat and

HeLa cells.

Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	NFKBIZ nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta [Homo sapiens]
Official Symbol	NFKBIZ
Synonyms	NFKBIZ; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta; NF-kappa-B inhibitor zeta; FLJ34463; MAIL; ikB-zeta; ikappaBzeta; IkappaB-zeta; I-kappa-B-zeta; Ikappa B-zeta variant 3; IL-1 inducible nuclear ankyrin-repeat prot
Entrez Gene ID	64332
Protein Refseq	NP_001005474
UniProt ID	Q9BYH8
Chromosome Location	3p12-q12
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;