



NFκBIZ Mouse mAb

Catalog No	YP-mAb-18674
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NFKBIZ IKBZ INAP MAIL
Immunogen	Synthesized peptide derived from human NFKBIZ
Specificity	This antibody detects endogenous levels of NFKBIZ at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLJ3225;FLJ34463;I-kappa-B-zeta;Ikappa B zeta;IkappaB zeta;IkappaBzeta;IkB-zeta;IKBZ;IKBZ_HUMAN;IKBzeta;IL-1 inducible nuclear ankyrin-repeat protein; INAP;MAIL;MAIL protein;Molecule possessing ankyrin repeats induced by lipopolysaccharide;NF-kappa-B inhibitor zeta;NFKBIZ;Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor zeta;NFKBIZ IKBZ INAP MAIL;NF-kappa-B inhibitor zeta (I-kappa-B-zeta) (IkB-zeta) (IkappaBzeta) (IL-1 inducible nuclear ankyrin-repeat protein) (INAP) (Molecule possessing ankyrin repeats induced by lipopolysaccharide) (MAIL)
Observed Band	79kD
Calculated Molecular Weight	64 kDa; 78kD(Calculated).
Cell Pathway	Nucleus . Aggregated in dot-like structures (PubMed:16513645). Colocalizes with NCOR2 (PubMed:16513645). .
Tissue Specificity	Expressed at high levels in peripheral blood leukocytes and lung, at moderate levels in liver, placenta, and at low levels in spleen, kidney, skeletal muscle and heart.
Function	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 (By similarity). Seems to be involved in the induction of inflammatory genes activated through TLR/IL-1 receptor signaling (By similarity). Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR) (By similarity).

Background**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images