

## Product datasheet for **TA502768**

### **IKB zeta (NFKBIZ) Mouse Monoclonal Antibody [Clone ID: OT11E8]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OT11E8
<b>Applications:</b>	FC, WB
<b>Recommended Dilution:</b>	WB 1:500, FLOW 1:100
<b>Reactivity:</b>	Human, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NFKBIZ (NP_113607) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.58 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	77.9 kDa
<b>Gene Name:</b>	NFKB inhibitor zeta
<b>Database Link:</b>	<a href="#">NP_113607</a> <a href="#">Entrez Gene 304005 Rat</a> <a href="#">Entrez Gene 64332 Human</a> <a href="#">Q9BYH8</a>
<b>Background:</b>	This gene is a member of the ankyrin-repeat family and is induced by lipopolysaccharide (LPS). The C-terminal portion of the encoded product which contains the ankyrin repeats, shares high sequence similarity with the I kappa B family of proteins. The latter are known to play a role in inflammatory responses to LPS by their interaction with NF-B proteins through ankyrin-repeat domains. Studies in mouse indicate that this gene product is one of the nuclear I kappa B proteins and an activator of IL-6 production. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

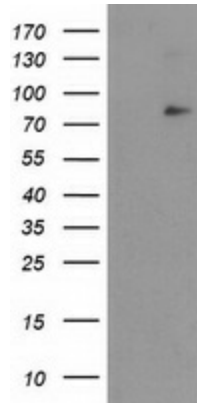


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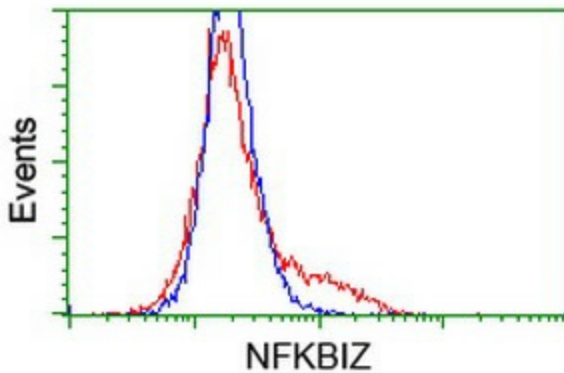
**Synonyms:** IKBZ; INAP; MAIL

**Protein Families:** Druggable Genome

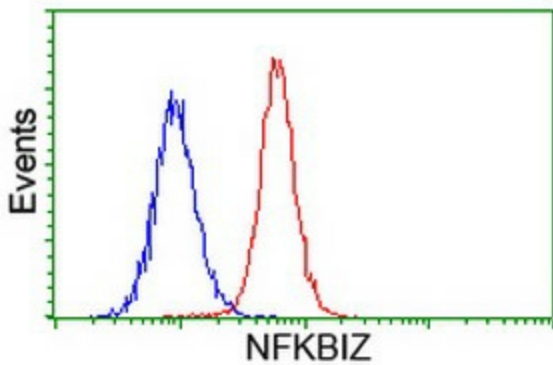
**Product images:**



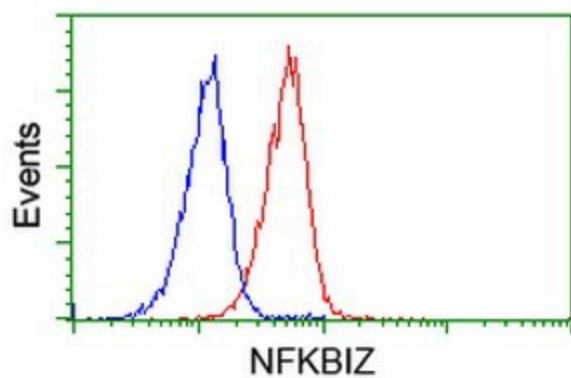
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NFKBIZ (Cat# [RC219121], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NFKBIZ(Cat# TA502768). Positive lysates [LY410530] (100ug) and [LC410530] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC219121] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NFKBIZ antibody (TA502768), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-NFKBIZ antibody (TA502768), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-NFKBIZ antibody (TA502768), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).