

## NFKBIB Ab

Cat.#: BF0346  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 45kDa  
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	NFKBIB Ab detects endogenous levels of total NFKBIB.
Immunogen:	Purified recombinant fragment of human NFKBIB expressed in E. Coli.
Uniprot:	Q15653
Description:	Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further IKBA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation. Tissue specificity: Expressed in all tissues examined.
Subcellular Location:	Cytoplasm. Nucleus.
Tissue Specificity:	Expressed in all tissues examined.
Similarity:	Belongs to the NF-kappa-B inhibitor family.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

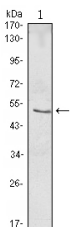


Figure 1: Western blot analysis using NFKBIB mouse mAb against Jurkat (1) cell lysate.

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in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

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procedures. Not for resale without express authorization.