



# IκB-α(N-term) mouse mAb

<b>Catalog No</b>	BYab-01082
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	NFKBIA IKBA MAD3 NFKBI
<b>Protein Name</b>	NF-kappa-B inhibitor alpha
<b>Immunogen</b>	Purified recombinant human IκB-alpha(N-terminus) protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of IκB-alpha(N-terminus) and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	I kappa B alpha;I kappa B alpha;I(Kappa)B(alpha);I(Kappa)B(alpha);I-kappa-B-alpha;IkappaBalpaha;IκB-alpha;IKBA;IKBA;IKBA_HUMAN;IKBalpaha;MAD 3;MAD 3;MAD3;Major histocompatibility complex enhancer binding protein MAD3;Major histocompatibility complex enhancer binding protein MAD3;Major histocompatibility complex enhancer-binding protein MAD3;NF kappa B inhibitor alpha;NF-kappa-B inhibitor alpha;NFKBI;NFKBI;NFKBIA; NFKBIA;Nuclear factor of kappa light chain gene enhancer in B cells;Nuclear factor of kappa light chain gene enhancer in B cells;Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha;Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha.
<b>Observed Band</b>	about 40kd
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export. .

**Nanjing BYabscience technology Co.,Ltd**



<b>Tissue Specificity</b>	Brain,Kidney,Lymph node,Monocyte,
<b>Function</b>	disease:Defects in NFKBIA are the cause of ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant (AEDDAID) [MIM:612132]. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. AEDDAID is an ectodermal dysplasia associated with decreased production of pro-inflammatory cytokines and certain interferons, rendering patients susceptible to infection.,function:Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.,induction:Induced in adherent monocytes.,online information:NFKBIA mutation
<b>Background</b>	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankyrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Nanjing BYabscience technology Co.,Ltd

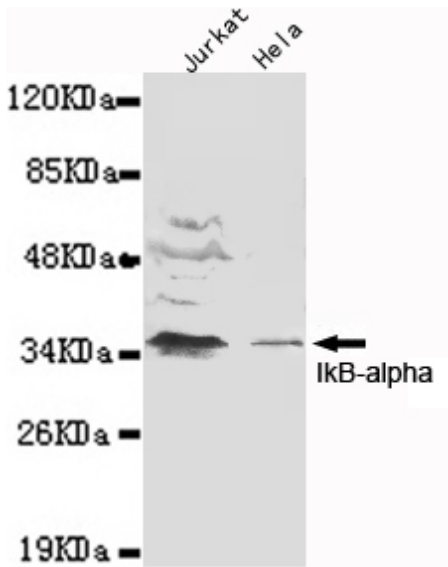
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

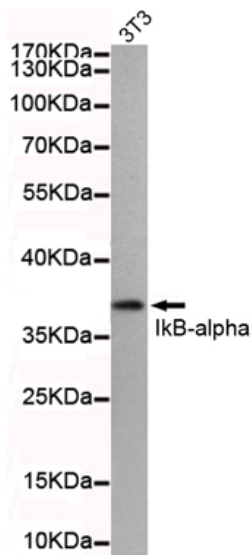
监督电话: 15950492658



## Products Images



Western blot detection of IkB-alpha(N-terminus) in Jurkat and HeLa cell lysates using IkB-alpha(N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 36KDa. Observed band size: 36KDa.



Western blot detection of IkB-alpha(N-terminus) in 3T3 cell lysate using IkB-alpha(N-terminus) mouse mAb (1:500 diluted). Predicted band size: 36KDa. Observed band size: 36KDa.

**Nanjing BYabs science technology Co.,Ltd**

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658