

Product datasheet for **TA347008**

IKB alpha (NFKBIA) Mouse Monoclonal Antibody [Clone ID: 2E10-B11-F6]

Product data:

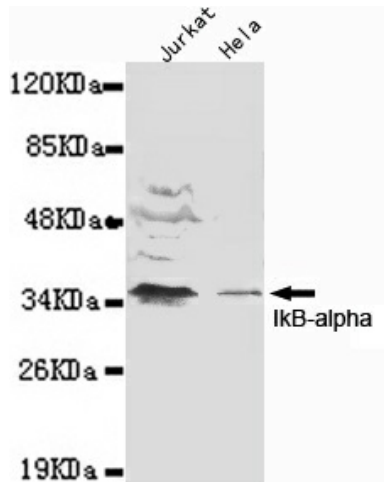
Product Type:	Primary Antibodies
Clone Name:	2E10-B11-F6
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	The immunogen for NFKBIA antibody: purified recombinant human IκB-alpha(N-terminus) protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	NFKB inhibitor alpha
Database Link:	NP_065390 Entrez Gene 18035 Mouse Entrez Gene 4792 Human P25963
Background:	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin 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]
Synonyms:	IKBA; MAD-3; NFKBI
Protein Families:	Druggable Genome



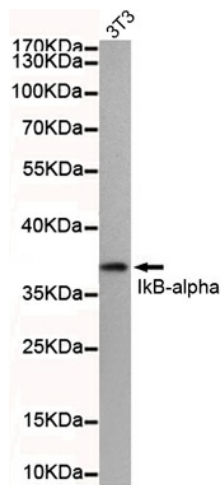
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Protein Pathways:

Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:


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



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