



# IκB-α(N-term)

## Mouse monoclonal Antibody

### #53141

**Catalog Number:** 53141

**Amount:** 100μg/100μl

**Swiss-Prot No. :** P25963

**Gene name:**nfkbia

**Gene id:**4792

**Clone Number:** 2E10-B11-F6

**Form of Antibody:**Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

**Storage/Stability:** Store at -20°C/1 year

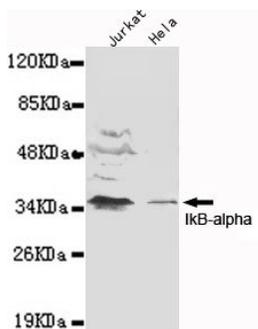
**Immunogen:** Purified recombinant human IκB-α(N-term) protein fragments expressed in E.coli

**Purification:** affinity-chromatography

**Specificity/Sensitivity:**This antibody detects endogenous levels of IκB-α(N-term) and does not cross-react with related proteins

**Reactivity:** Human,Mouse

**Applications:** Predicted MW: 36kd WB: 1:1000



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.

### 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.