



I κ B- α (N-term)

Mouse monoclonal Antibody

#53141

Catalog Number: 53141

Amount: 100 μ g/100 μ l

Swiss-Prot No. : P25963

Gene name:nfkb α

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

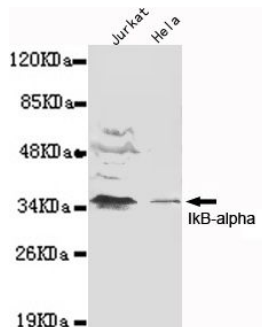
Immunogen: Purified recombinant human I κ B- α (N-term) protein fragments expressed in E.coli

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of I κ B- 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 I κ B- α (N-terminus) in Jurkat and HeLa cell lysates using I κ B- α (N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 36kDa. Observed band size: 36kDa.

Background:

This gene encodes a member of the NF- κ B inhibitor family, which contain multiple ankyrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF- κ 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.