

Product Datasheet

I κ B- α (N-term) Mouse mAb

Catalog No: AB3178

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P25963

All Names: I-kappa-B-alpha; NFKBI; NFKBIA; Major histocompatibility complex enhancer-binding protein MAD3; NF-kappaB inhibitor alpha; IKBA; IkappaBalpa; MAD3; RL/IF-1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

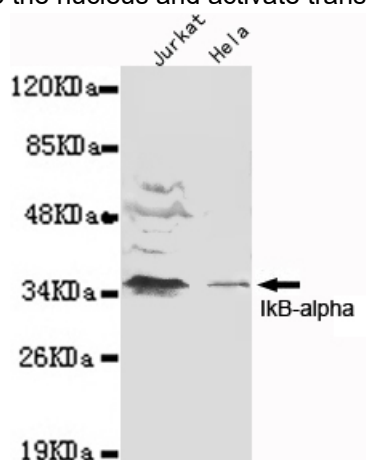
Molecular Wt.: 36KDa

Application

WB 1:500-1000

Background

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



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.

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