

Product Name: KD-Validated NFKBIA Mouse Monoclonal Antibody**Catalog #: KVAAb00011**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 35.6kDa

Antigen Information

Gene Name	NFKBIA
Alternative Names	I-kappa-B-alpha; NFKBI; NFKBIA; NF-kappaB inhibitor alpha; IKBA; IkappaBalpa; MAD3; RL/IF-1
Gene ID	4792.0
SwissProt ID	P25963
Immunogen	Recombinant protein of human NFKBIA

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]

Research Area

Signal Transduction, Epigenetics and Nuclear Signaling, Cancer, Immunology, Neuroscience

Image Data

