

Datasheet for ABIN4912360
anti-NFKBIA antibody



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1 Image

Overview

Quantity:	100 µL
Target:	NFKBIA
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged NFKBIA protein was used to produced this monoclonal antibody.
Clone:	1C1
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	NFKBIA
Alternative Name:	NFKBIA (NFKBIA Products)
Background:	Synonyms: IKBA, MAD-3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, IκB-alpha,

Target Details

IkappaBalpha, Major histocompatibility complex enhancer-binding protein MAD3, NFKBIA, MAD3

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.

Gene ID: 4792

UniProt: [P25963](#)

Pathways: [NF-kappaB Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Maintenance of Protein Location](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

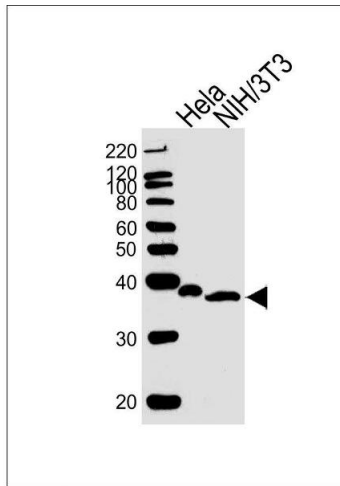
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: HeLa Cell lysates, Lane 2: NIH/3T3 Cell lysates, probed with NFKBIA (1121CT8.6.1) Monoclonal Antibody, unconjugated (bsm-51393M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.