

Datasheet for ABIN5557318
anti-NFKBIA antibody (pSer32)



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1 Image

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	pSer32
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic peptide derived from human IKB alpha (Ser32) around 1-50 amino acids
Clone:	130000000
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	NFKBIA
Alternative Name:	IKB alpha (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
FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

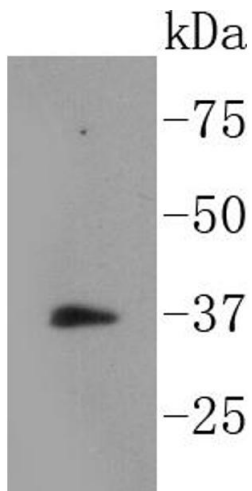
Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Ags cell lysates probed with IKB alpha (Ser32) (13E7) Monoclonal Antibody at 1:1000 overnight at 4°C. Followed by a conjugated secondary antibody.