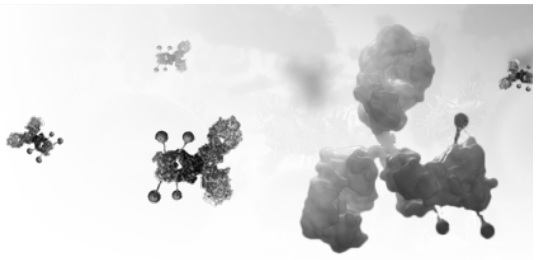

Anti-NFKBIA monoclonal antibody (DCABH-3219)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to IKB alpha
Antigen Description	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.
Immunogen	Recombinant full length Human IKB alpha (amino acids 1-317) with proprietary tag (AAH04983).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Positive Control	Recombinant tagged Human IKB alpha protein; Hela nuclear extract; IKB alpha transfected 293T cell line lysate
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituent: 99% PBS
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	NFKBIA nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha [Homo sapiens]
Official Symbol	NFKBIA
Synonyms	NFKBIA; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha; NFKBI; NF-kappa-B inhibitor alpha; IkappaBalpha; IKBA; MAD 3; ikB-alpha; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major hist
Entrez Gene ID	4792
Protein Refseq	NP_065390
UniProt ID	P25963
Chromosome Location	14q13
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem;
Function	NF-kappaB binding; NF-kappaB binding; enzyme binding; heat shock protein binding; identical protein binding; nuclear localization sequence binding; protein binding; transcription factor binding; ubiquitin protein ligase binding;

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