

Rabbit anti-Human, Mouse IKB alpha Monoclonal Antibody | anti-NFKBIA antibody

IKB alpha (Phospho-S32) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311009	Rabbit	Human, Mouse	Immunofluorescence, Immunoprecipitation, Immunocytochemistry, Western Blot

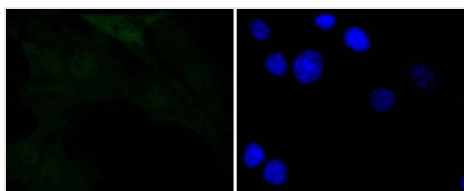
PRODUCT SYNONYMS

IKB alpha; Monoclonal Antibody; IKB alpha (Phospho-S32) Antibody; I kappa B alpha antibody; I-kappa-B-alpha antibody; IkappaBalpha antibody; Ikb-alpha antibody; IKBA antibody; IKBA_HUMAN antibody; IKBalpha antibody; MAD 3 antibody; MAD3 antibody; Major histocompatibility complex enhancer-binding protein MAD3 antibody; NF kappa B inhibitor alpha antibody; NF-kappa-B inhibitor alpha antibody; NFKBI antibody; NFKBIA antibody; Nuclear factor of kappa light chain gene enhancer in B cells antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha antibody; anti-NFKBIA antibody

PRODUCT SPECIFICATIONS

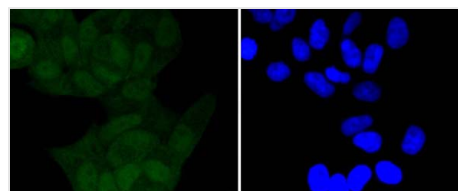
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	ST53-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NFKBIA antibody	IF (Immunofluorescence), IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser32 of human IKB alpha.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



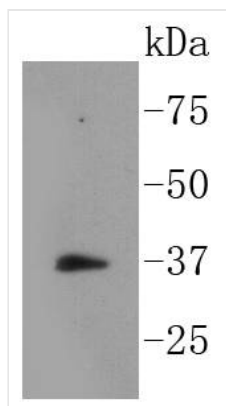
ICC (Immunocytochemistry)

ICC staining Phospho-IKB alpha (S32) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-IKB alpha (S32) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)
Western blot analysis of Phospho-IkB alpha (S32) on Ags cell lysates using anti-Phospho-IkB alpha (S32) antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NFKBIA antibody	On the basis of both functional and structural considerations, members of the IkappaB family of proteins can be divided into four groups. The first of these groups, IkappaB-alpha, includes the avian protein pp40 and the mammalian MAD-3, both of which inhibit binding of p50-p65 NFkB complex or Rel protein to their cognate binding sites but do not inhibit the binding of p50 homodimer to kappaB sites, suggesting that the IkappaB-alpha family binds to the p65 subunit of p50-p65 heterocomplex through ankyrin repeats. The second member of the IkappaB family is represented by a protein designated IkappaB-beta . The third group of IkappaB proteins is represented by IkappaB-gamma, which is identical in sequence with the C-terminal domain of the p110 precursor of NFkB p50 and is expressed predominantly in lymphoid cells. An additional IkappaB family member, IkappaB-epsilon, has several phosphorylated forms and is primarily found complexed with Rel A and/or c-Rel.
Product Categories/Family for anti-NFKBIA antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092619
NCBI GeneID	4792
NCBI Accession #	NP_065390.1
NCBI GenBank Nucleotide #	NM_020529.2
UniProt Accession #	P25963; B2R8L6
Molecular Weight	35,609 Da
NCBI Official Full Name	NF-kappa-B inhibitor alpha
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
NCBI Official Symbol	NFKBIA
NCBI Official Synonym Symbols	IKBA; MAD-3; NFKBI
NCBI Protein Information	NF-kappa-B inhibitor alpha; ikB-alpha; IkappaBalpha; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	NFKBIA
UniProt Synonym Gene Names	IKBA; MAD3; NFKBI; IkB-alpha
UniProt Entry Name	IKBA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ikb-alpha-antibody-clone-st53-05-immunofluorescence-immunoprecipitation-immunocytochemistry-western-blot-elisa/311009>