

Mouse anti-Mouse, Human IKK alpha Monoclonal Antibody | anti-IKK alpha antibody

Monoclonal Antibody to IKK alpha (Clone: ABM10G9)

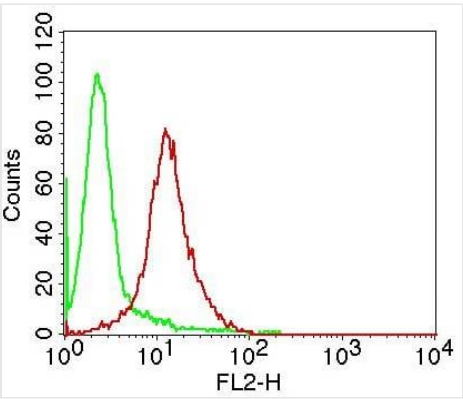
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78274	Mouse	Mouse, Human	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

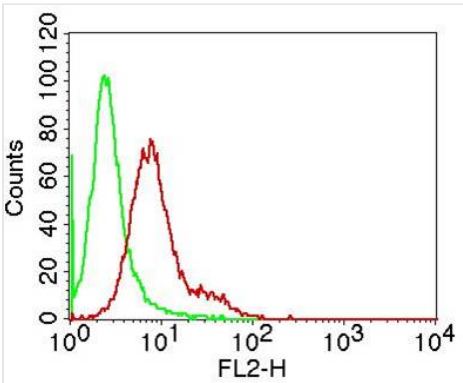
IKK alpha; Monoclonal Antibody; Monoclonal Antibody to IKK alpha (Clone: ABM10G9); Inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase alpha; Conserved helix-loop-helix ubiquitous kinase; Nuclear factor NF-kappa-B inhibitor kinase alpha; NFKBIA; Transcription factor 16; IKKA; TCF16; anti-IKK alpha antibody

PRODUCT SPECIFICATIONS

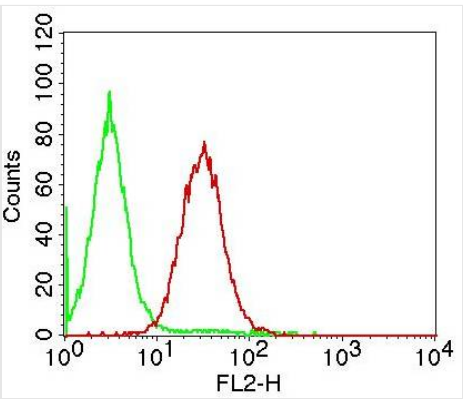
Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	ABM10G9
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	745
Applicable Applications for anti-IKK alpha antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen Information	Full length recombinant protein of IKK alpha was used as the immunogen for this antibody.
Antigen	IKK alpha
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.



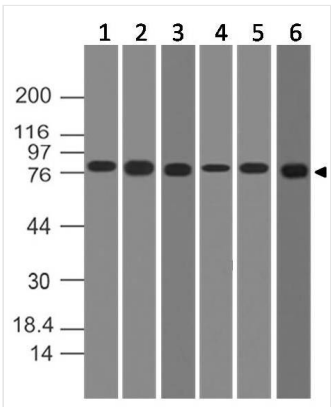
FCM/FACS (Flow Cytometry)
Fig-4: Intra cellular flow analysis of IKK alpha in HeLa using 0.5 ug/10⁶ cells of antibody (Clone: ABM10G9). Green represents isotype control; red represents anti-IKK alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.



FCM/FACS (Flow Cytometry)
Fig-3: Intra cellular flow analysis of IKK alpha in 293 using 0.5 ug/10⁶ cells of antibody (Clone: ABM10G9). Green represents isotype control; red represents anti-IKK alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.



FCM/FACS (Flow Cytometry)
Fig-2: Intra cellular flow analysis of IKK alpha in Jurkat using 0.5 ug/10⁶ cells of antibody (Clone: ABM10G9). Green represents isotype control; red represents anti-IKK alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.



WB (Western Blot)
Fig-1: Western blot analysis of IKK alpha. Anti-IKK alpha antibody (Clone: ABM10G9) was used at 2 ug/ml on HeLa, MCF7, U87, mSmall Intestine, PC3 and 293 lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IKK alpha antibody	Antibodies; NF-kB Pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373368
NCBI GeneID	1147
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	84,640 Da
NCBI Official Full Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha
NCBI Official Synonym Full Names	conserved helix-loop-helix ubiquitous kinase
NCBI Official Symbol	CHUK
NCBI Official Synonym Symbols	IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit alpha
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha

UniProt Gene Name	CHUK
UniProt Synonym Gene Names	IKKA; TCF16; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkBA; IkappaB kinase; IKK1; NFkBKA; TCF-16

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/ikk-alpha-antibody-clone-abm10g9-western-blot-flow-cytometry-elisa/78274>