Mouse CHUK Monoclonal Antibody | anti-CHUK antibody

CHUK (conserved Helix-loop-Helix ubiquitous Kinase, IKBKA, IKK-alpha, IKK1, IKKA, NFKBIKA, TCF16) (APC)

CATALOG #	HOST	APPLICATIONS
AAA26087	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CHUK; Monoclonal Antibody; CHUK (conserved Helix-loop-Helix ubiquitous Kinase; IKBKA; IKK-alpha; IKK1; IKKA; NFKBIKA; TCF16) (APC); conserved Helix-loop-Helix ubiquitous Kinase; TCF16; anti-CHUK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4B8
Specificity	Recognizes CHUK.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-CHUK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	CHUK (NP_001269, 646aa-745aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RQKEIWHLLKIACTQSSARSLVGSSLEGAVTPQTSAWLPPTSAEHDHSLSCVVTPQDGETSAQMIEENLNCLGHLSTIIHEANEEQGNSMMNLDWSWLTE
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged CHUK is 0.03 ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CHUK on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CHUK on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
CHUK monoclonal antibody (M03), clone 4B8 Western Blot analysis of CHUK expression in HeLa.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to CHUK on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

Application Data
Immunoperoxidase of monoclonal antibody to CHUK on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-CHUK antibody	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq]
Product Categories/Family for anti-CHUK antibody	Antibodies; Protein Kinase Inhibitors

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241001
NCBI GeneID	1147
NCBI Accession #	NP_001269
NCBI GenBank Nucleotide #	NM_001278.3
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

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/chuk-antibody-clone-4b8-immunofluorescence-immunohistochemistry-western-blot-elisa/26087