

Mouse Chk1 Monoclonal Antibody | anti-Chk1 antibody

Chk1 Mouse Monoclonal

CATALOG # AAA102745	HOST Mouse	REACTIVITY Human, Mouse, Rat; Other species are not tested.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Chk1; Monoclonal Antibody; Chk1 Mouse Monoclonal; anti-Chk1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat; Other species are not tested.
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	9F10
Specificity	Please decide the specificity by homology
Purity/Purification	≥ 95% as determined by SDS-PAGE; Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Applicable Applications for anti-Chk1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	CHK1 checkpoint homolog
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

HeLa cells were subjected to SDS PAGE followed by western blot with AAA102745 (CHK1 Antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue slide using AAA102745 (CHK1 Antibody) at dilution of 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-Chk1 antibody

HEK1(Checkpoint kinase-1) is also named as CHK1 and belongs to the protein kinase superfamily. It is implicated in a circuit in which it activates checkpoints, DNA repair and proliferating cell nuclear antigen and FANCD2 monoubiquitinylation(PMID:21389083). CHEK1 protects vertebrate cells against spontaneous chromosome missegregation and is required to sustain anaphase delay when spindle function is disrupted by taxol(PMID:17276342). It has 3 isoforms produced by alternative splicing with the molecular mass of 54 kDa, 44 kDa and 50 kDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2367669
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NCBI GeneID	1111
UniProt Accession #	O14757; A8K934; B4DDD0; B4DSK3; B5BTY6; F5H7S4; H2BI51
Molecular Weight	50kDa
NCBI Official Full Name	Chk1
NCBI Official Synonym Full Names	checkpoint kinase 1
NCBI Official Symbol	CHEK1
NCBI Official Synonym Symbols	CHK1
NCBI Protein Information	serine/threonine-protein kinase Chk1
UniProt Protein Name	Serine/threonine-protein kinase Chk1
UniProt Gene Name	CHEK1
UniProt Synonym Gene Names	CHK1
UniProt Entry Name	CHK1_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/chk1-antibody-clone-9f10-immunohistochemistry-western-blot-elisa/102745>