

Mouse anti-Human CHEK2 Monoclonal Antibody | anti-CHEK2 antibody

CHEK2 (Serine/Threonine-protein Kinase Chk2, CHK2 Checkpoint Homolog, Cds1 Homolog, Hucds1, hCds1, Checkpoint Kinase 2, CDS1, CHK2, RAD53) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25057	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

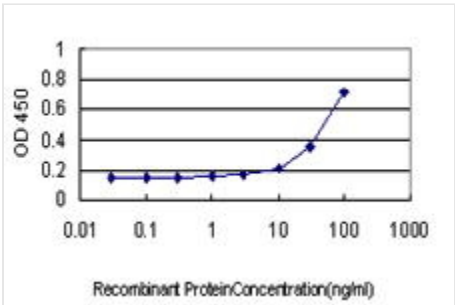
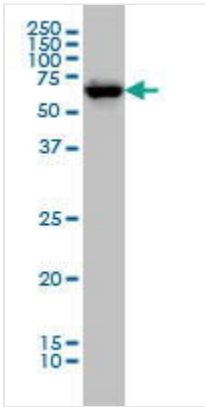
PRODUCT SYNONYMS

CHEK2; Monoclonal Antibody; CHEK2 (Serine/Threonine-protein Kinase Chk2; CHK2 Checkpoint Homolog; Cds1 Homolog; Hucds1; hCds1; Checkpoint Kinase 2; CDS1; CHK2; RAD53) (FITC); anti-CHEK2 antibody

PRODUCT SPECIFICATIONS

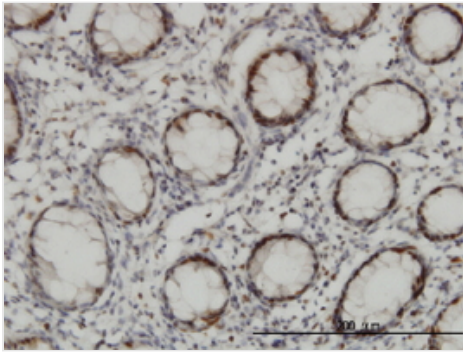
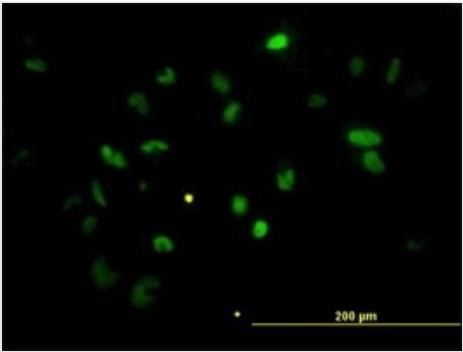
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4B7
Specificity	Recognizes human CHEK2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-CHEK2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-544 from CHEK2 (AAH04207) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSRES DVEAQQSHGSSAC SQPHGSVTQSQGSSSQSGISSSTSTMPNSSQSSHSSGTLSSLETVSTQELY SIPEDQEPEDQEPEEPTPAPWARLWA
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



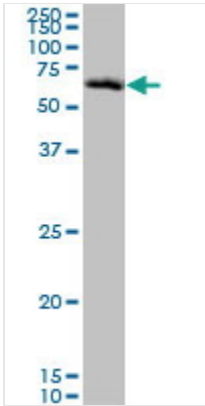
Application Data
Detection limit for recombinant GST tagged CHEK2 is ~3ng/ml as a capture antibody.

WB (Western Blot)
CHEK2 monoclonal antibody Western Blot analysis of CHEK2 expression in HeLa NE.

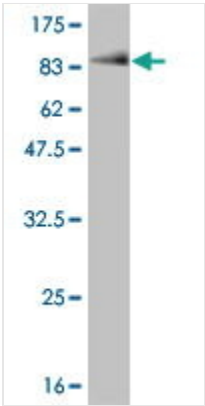


IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CHEK2 on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to CHEK2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3ug/ml].



WB (Western Blot)
CHEK2 monoclonal antibody Western Blot analysis of CHEK2 expression in HeLa.



WB (Western Blot)
Western Blot detection against Immunogen (85.84kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CHEK2 antibody	Antibodies; Cancer Markers
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38114706
NCBI GeneID	11200
Molecular Weight	36,157 Da

NCBI Official Full Name	Homo sapiens CHK2 checkpoint homolog (S. pombe), mRNA
NCBI Official Synonym Full Names	checkpoint kinase 2
NCBI Official Symbol	CHEK2
NCBI Official Synonym Symbols	CDS1; CHK2; LFS2; RAD53; hCds1; HuCds1; PP1425
NCBI Protein Information	serine/threonine-protein kinase Chk2

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/chek2-antibody-clone-4b7-immunofluorescence-immunohistochemistry-western-blot-elisa/25057>