

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) APC

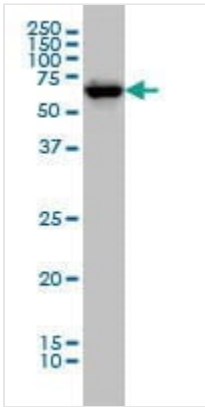
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24465	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

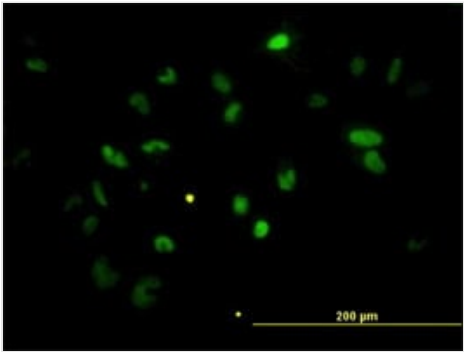
PRODUCT SPECIFICATIONS

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 Allophycocyanin (APC).
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 DVEAQQSHGSSACSQPHGSVTQSQGSSSQSGISSSTSTMPNSSQSSHSSSGTLSSLETVSTQELY SIPEDQEPEDQEPEEPTPAPWARLWA
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 amo



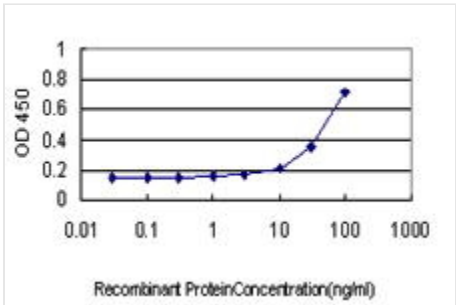
WB (Western Blot)

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



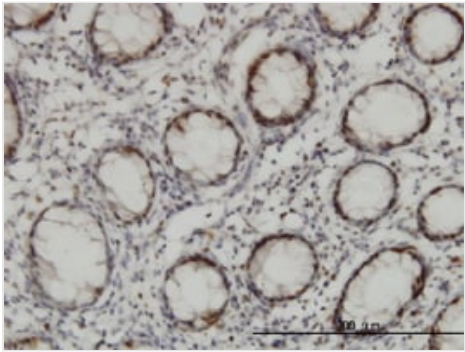
IF (Immunofluorescence)

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



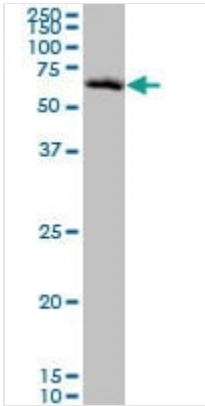
Application Data

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



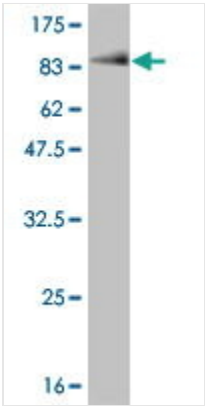
IHC (Immunohistochemistry)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/chek2-antibody-clone-4b7-immunofluorescence-immunohistochemistry-western-blot-elisa/24465>