

Chk1 (Phospho-Ser296) Rabbit mAb

Catalog No: #14195

Package Size: #14195-1 50ul #14195-2 100ul

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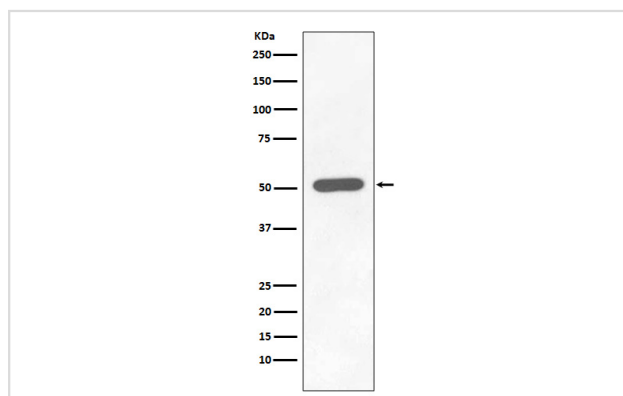
Description

Product Name	Chk1 (Phospho-Ser296) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human
Specificity	Phospho-Chk1 (S296) Antibody detects endogenous levels of Phospho-Chk1 (S296)
Immunogen Description	A synthesized peptide derived from human Phospho-Chk1 (S296)
Other Names	Checkpoint, S. pombe, homolog of, 1; CHEK1; CHK1; CHK1 checkpoint homolog (S. pombe); Serine/threonine-protein kinase Chk1;
Accession No.	Uniprot:O14757
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Calculated MW	54kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4ℳ C short term. Store at -20ℳ C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000

Images



Western blot analysis of Phospho-Chk1 (S296) expression in HEK293 cell lysate Treated with Calyculin.

Product Description

Chk1 kinase acts downstream of ATM/ATR kinase and plays an important role in DNA damage checkpoint control, embryonic development, and tumor suppression. Activation of Chk1 involves phosphorylation at Ser317 and Ser345 by ATM/ATR, followed by autophosphorylation of Ser296. Activation occurs in response to blocked DNA replication and certain forms of genotoxic stress.

Note: This product is for in vitro research use only