

## Chk2 Rabbit mAb

Catalog No: #58916

Package Size: #58916-1 50ul #58916-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

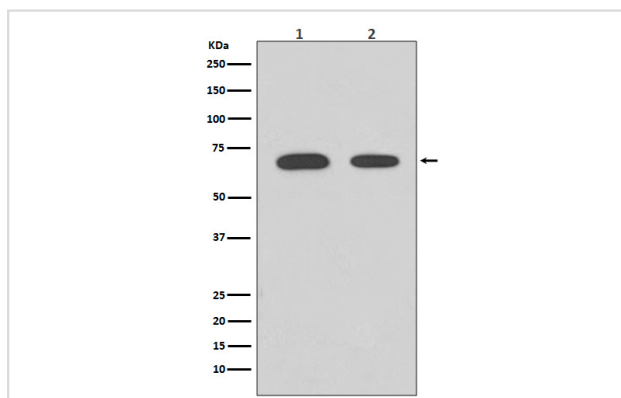
## Description

Product Name	Chk2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human
Specificity	Chk2 Antibody detects endogenous levels of Chk2
Immunogen Description	A synthesized peptide derived from human Chk2
Other Names	CHEK2; CHK2; Cds1; Chk2; EC 2.7.11.1; RAD53; kinase Chk2;
Accession No.	Uniprot:O96017
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Calculated MW	62kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

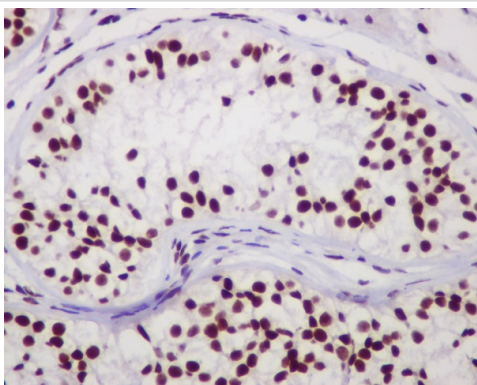
## Application Details

WB 1:10000~1:20000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

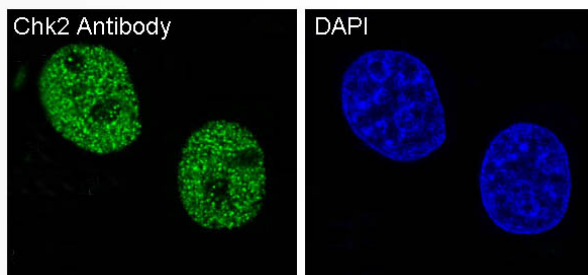
## Images



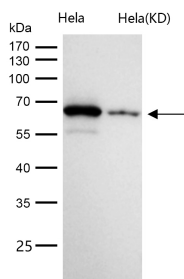
Western blot analysis of Chk2 expression in (1) HeLa cell lysate; (2) 293T cell lysate.



Immunohistochemical analysis of paraffin-embedded human testis, using Chk2 Antibody.



Immunofluorescent analysis of HeLa cells, using Chk2 Antibody.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

## Product Description

These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function.

## Background

These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function.

Note: This product is for in vitro research use only