

Chk1 (phospho Ser345) antibody [C1C2], Internal

Cat. No. GTX100065

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse

[References \(6 \)](#)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 54 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2.17 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser345 of human Chk1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

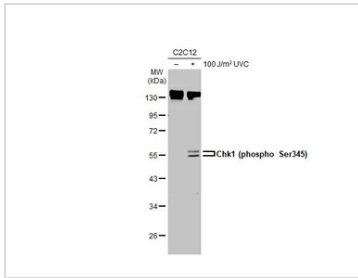
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

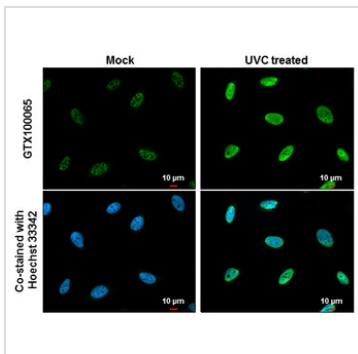
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DATA IMAGES

GTX100065 WB Image

Untreated (–) and treated (+) C2C12 whole cell extract (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chk1 (phospho Ser345) antibody [C1C2], Internal (GTX100065) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX100065 ICC/IF Image

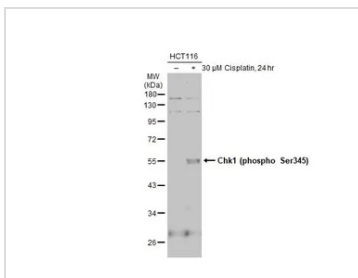
Chk1 (phospho Ser345) antibody [C1C2], Internal detects Chk1 (phospho Ser345) protein at nucleus by immunofluorescent analysis.

Samples: HeLa cells mock (left) and treated with 100 J/m² UVC and recover for 8 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min.

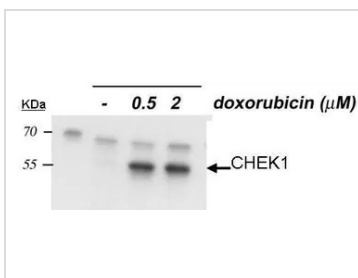
Green: Chk1 (phospho Ser345) protein stained by Chk1 (phospho Ser345) antibody [C1C2], Internal (GTX100065) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.


GTX100065 WB Image

Untreated (–) and treated (+) HCT116 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chk1 (phospho Ser345) antibody [C1C2], Internal (GTX100065) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX100065 WB Image

Sample: 20 µg of HCT116 P53 whole cell lysate 10% SDS PAGE

Chk1-phospho-S345 antibody

GTX100065 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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