

Chk1 (phospho Ser317) antibody

Cat. No. GTX132170

Host	Rabbit	Package
Clonality	Polyclonal	100 µl, 25 µl
Isotype	IgG	
Applications	WB, ICC/IF	
Reactivity	Human	

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

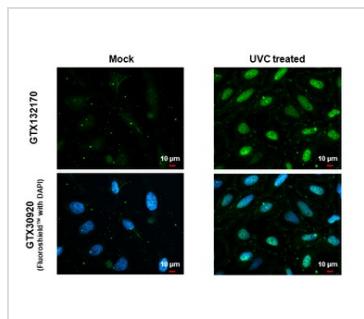
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser317 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.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 08 Page 1 of 2

DATA IMAGES



GTX132170 ICC/IF Image

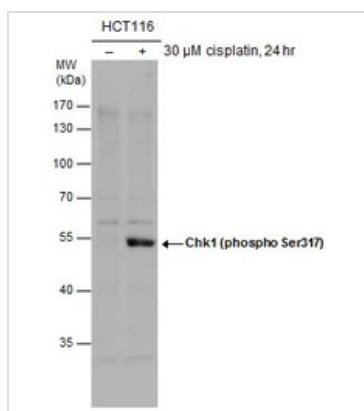
Chk1 (phospho Ser317) antibody detects Chk1 (phospho Ser317) protein at nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Chk1 (phospho Ser317) stained by Chk1 (phospho Ser317) antibody (GTX132170) diluted at 1:50.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX132170 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 Ser317) antibody (GTX132170) diluted at 1:500.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 08 Page 2 of 2