

# Chk2 (phospho Thr68) antibody

**Cat. No. GTX132204**

|                    |            |
|--------------------|------------|
| <b>Host</b>        | Rabbit     |
| <b>Clonality</b>   | Polyclonal |
| <b>Isotype</b>     | IgG        |
| <b>Application</b> | WB, ICC/IF |
| <b>Reactivity</b>  | Human      |

**Package**  
100 µl, 25 µl

## APPLICATION

### 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** 61 kDa. ( [Note](#) )

## PROPERTIES

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.73 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Carrier-protein conjugated synthetic peptide surrounding phospho Thr68 of human Chk2. The exact sequence is proprietary.   |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |

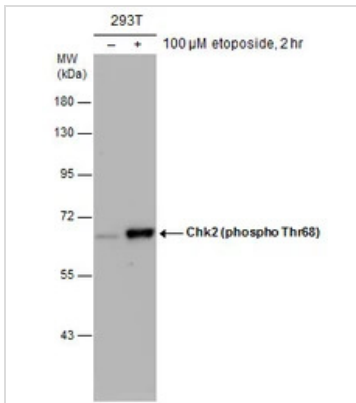
### Note

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

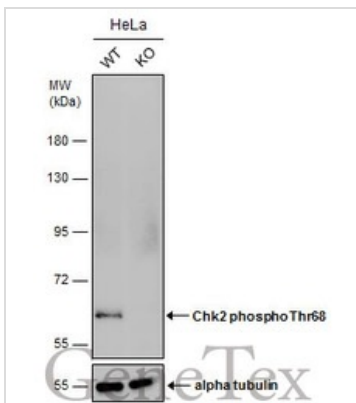
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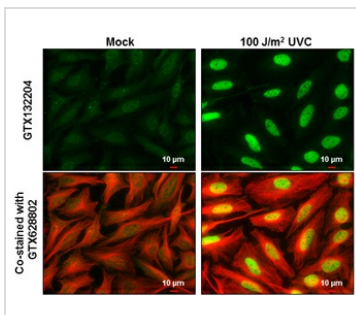
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**DATA IMAGES**

**GTX132204 WB Image**

Untreated (–) and treated (+) 293T whole cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Chk2 (phospho Thr68) antibody (GTX132204) diluted at 1:1000.


**GTX132204 WB Image**

Wild-type (WT) and Chk2 (phospho Thr68) knockout (KO) HeLa cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Chk2 (phospho Thr68) antibody (GTX132204) 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.


**GTX132204 ICC/IF Image**

Chk2 (phospho Thr68) antibody detects Chk2 (phospho Thr68) protein at nucleus by immunofluorescent analysis.

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

Green: Chk2 (phospho Thr68) stained by Chk2 (phospho Thr68) antibody (GTX132204) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500.

Scale bar= 10 μm.



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