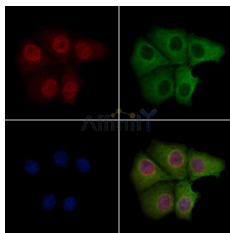


## Chk1 Ab

[References\(1\)](#) [Images\(2\)](#)

|               |                                                                                                                                                                                                                                                  |                       |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Cat.#: AF6008 | Concn.: ~1mg/ml                                                                                                                                                                                                                                  | Mol.Wt.: 56kDa        |
| Size:         | Source: Rabbit                                                                                                                                                                                                                                   | Clonality: Polyclonal |
| Application:  | WB 1:500-1:2000, IF/ICC 1:100-1:500<br>*The optimal dilutions should be determined by the end user.                                                                                                                                              |                       |
| Reactivity:   | Human, Mouse, Rat                                                                                                                                                                                                                                |                       |
| Storage:      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.                                                                                    |                       |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).                                                                                                                        |                       |
| Immunogen:    | A synthesized peptide derived from human Chk1, corresponding to a region within the internal amino acids.                                                                                                                                        |                       |
| Uniprot:      | O14757                                                                                                                                                                                                                                           |                       |
| Description:  | DNA damage induced protein phosphorylation; regulation of mitotic centrosome separation; regulation of S phase; peptidyl-threonine phosphorylation; DNA repair; chromatin-mediated maintenance of transcription; negative regulation of mitosis; |                       |



AF6008 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF6008) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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