

# Product Datasheet

## Chk2 Antibody (73C175.1.1) - Azide Free NBP2-27403

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-27403**

Chk2 Antibody (73C175.1.1) - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	73C175.1.1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.2 ml PBS

**Product Description**

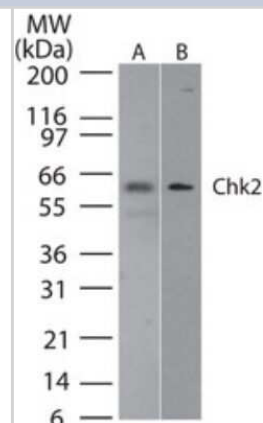
<b>Host</b>	Mouse
<b>Gene ID</b>	11200
<b>Gene Symbol</b>	CHEK2
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	A portion of amino acids 100-150 of human Chk2 protein was used as immunogen for this antibody.

**Product Application Details**

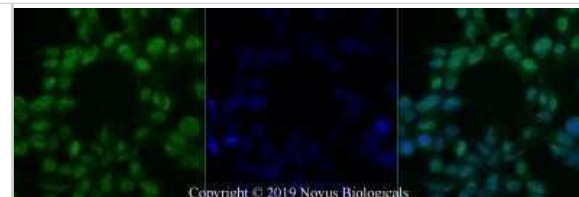
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 2-4ug/ml, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

Western Blot: Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - Analysis of Chk2 in A) human HEK293 and B) mouse NIH3T3 lysate using Chk2 antibody at 2 ug/ml.



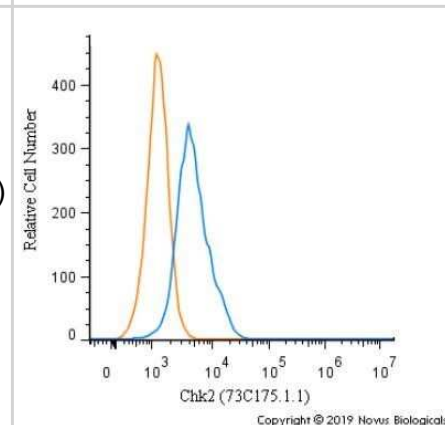
**Immunocytochemistry/Immunofluorescence:** Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - Hek293 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-Chk2 (73C175.1.1) at 5 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image using the standard format of this product.



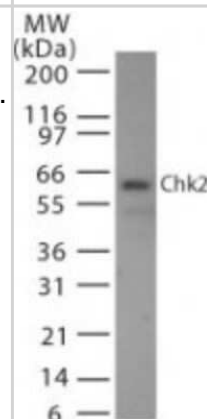
**Immunohistochemistry-Paraffin:** Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - Staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



**Flow Cytometry:** Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - An intracellular stain was performed on Hek293 cells with Chk2 [73C175.1.1] Antibody NB100-56546 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550. Image using the standard format of this product.



**Western Blot:** Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - analysis of Chk2 in 293 cell lysate. A protein band of approximate molecular weight of 60-62 kDa is detected with Chk2 antibody at 2 ug/ml.





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### **Products Related to NBP2-27403**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-27403B	Chk2 Antibody (73C175.1.1) [Biotin]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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