

# Product Datasheet

## Chk2 Antibody (73C175.1.1) - BSA Free NB100-56546

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-56546](http://www.novusbio.com/NB100-56546)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-56546](http://www.novusbio.com/reviews/destination/NB100-56546)



**NB100-56546**

Chk2 Antibody (73C175.1.1) - BSA Free

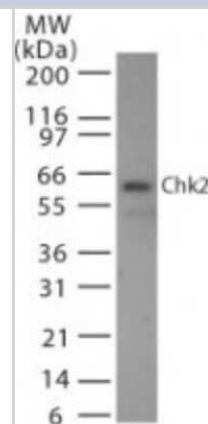
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	73C175.1.1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

Product Description	
Description	Novus Biologicals Mouse Chk2 Antibody (73C175.1.1) - BSA Free (NB100-56546) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11200
Gene Symbol	CHEK2
Species	Human, Mouse
Immunogen	A portion of amino acids 100-150 of human Chk2 protein was used as immunogen for this antibody.

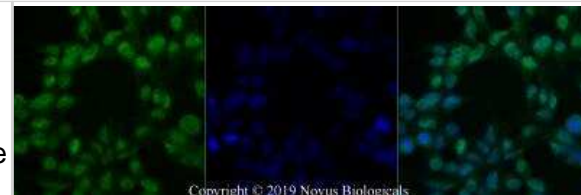
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 1-5 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2-5 ug/ml, Immunohistochemistry-Paraffin

**Images**

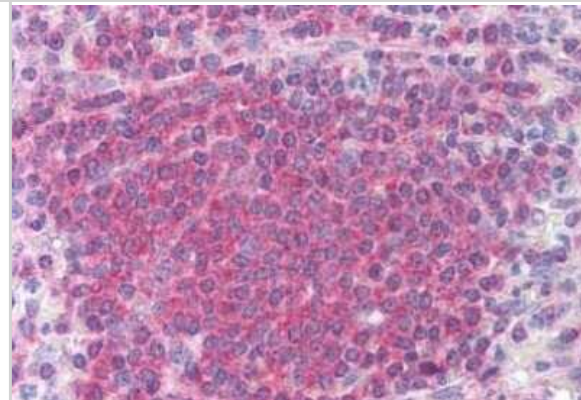
Western Blot: Chk2 Antibody (73C175.1.1) [NB100-56546] - Western Blot: Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - analysis of Chk2 in 293 cell lysate. A protein band of approximate molecular weight of 60-62 kDa is detected with Chk2 antibody at 2 ug/ml. Image using the Azide Free form of this antibody.



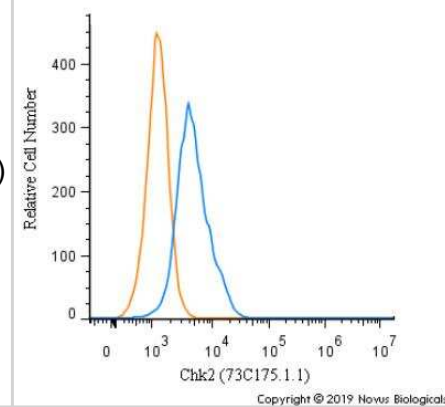
**Immunocytochemistry/Immunofluorescence: Chk2 Antibody (73C175.1.1) [NB100-56546]** - Hek293 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-Chk2 (73C175.1.1) at 5 ug/ml overnight at 4C and detected 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.



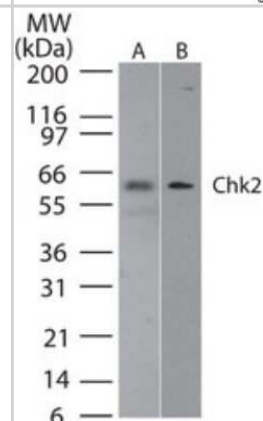
**Immunohistochemistry-Paraffin: Chk2 Antibody (73C175.1.1) [NB100-56546]** - Staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



**Flow Cytometry: Chk2 Antibody (73C175.1.1) [NB100-56546]** - 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.



**Western Blot: Chk2 Antibody (73C175.1.1) [NB100-56546]** - analysis of Chk2 in A) human HEK293 and B) mouse NIH3T3 lysate using Chk2 antibody at 2 ug/ml.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-56546**

---

NBL1-09147	Chk2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-56546](http://www.novusbio.com/reviews/submit/NB100-56546)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

