

# Product Datasheet

## Chk1 Antibody (2F2) NBP3-26658-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26658-100ul**

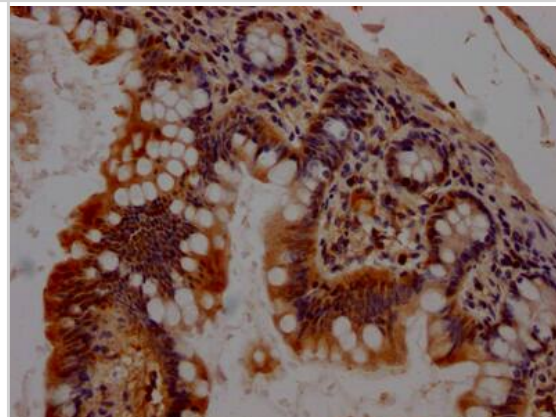
Chk1 Antibody (2F2)

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                           |
| Storage                     | Store at -20 to -70C. Avoid freeze-thaw cycles.   |
| Clonality                   | Monoclonal  |
| Clone                       | 2F2   |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Affinity purified   |
| Buffer                      | PBS, pH 7.4, 150mM NaCl, and 50% glycerol   |
| Product Description         |   |
| Host                        | Rabbit  |
| Gene ID                     | 1111  |
| Gene Symbol                 | CHEK1   |
| Species                     | Human   |
| Immunogen                   | A synthesized peptide derived from Human Chk1 [UniProt O14757]  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                    |
| Recommended Dilutions       | Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200 |



## Images

**Immunohistochemistry:** Chk1 Antibody (2F2) [NBP3-26658] - Image of Chk1 Antibody (2F2) diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



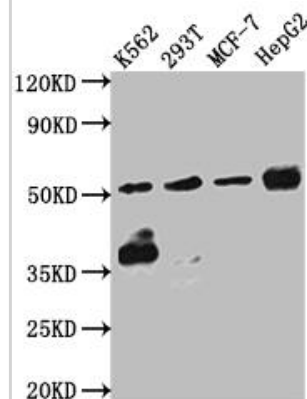
**Western Blot:** Chk1 Antibody (2F2) [NBP3-26658] - Positive Western Blot detected in: K562 whole cell lysate, 293T whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate.

All lanes: Chk1 Antibody at 1: 1000

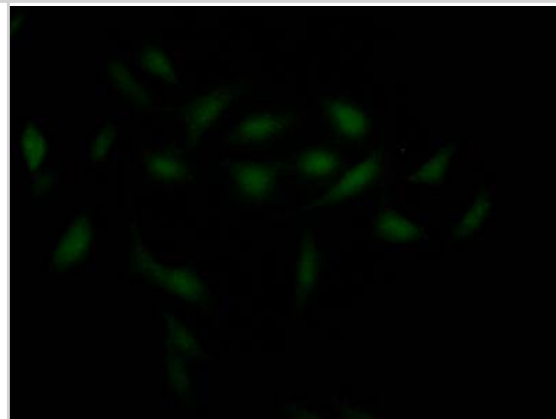
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 55, 44, 51 kDa

Observed band size: 55 kDa



**Immunocytochemistry/Immunofluorescence:** Chk1 Antibody (2F2) [NBP3-26658] - Staining of Hela Cells with Chk1 Antibody (2F2) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% Triton X-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).





### **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 NBP3-26658-100ul**

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|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-58441PEP | Chk1 Recombinant Protein Antigen                    |

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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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