Product Datasheet

Chk1 Antibody (2F2) - BSA Free

NBP3-26658-100ul

Unit Size: 100 ul

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

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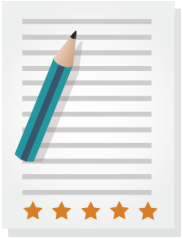
Updated 7/30/2025 v.20.1



NBP3-26658-100ul

Chk1 Antibody (2F2) - BSA Free

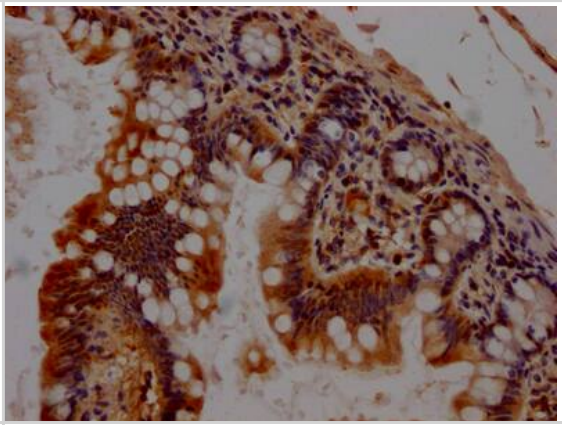
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	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]

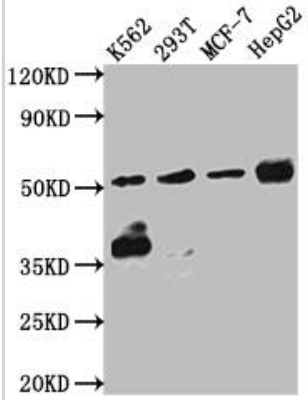
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

Images

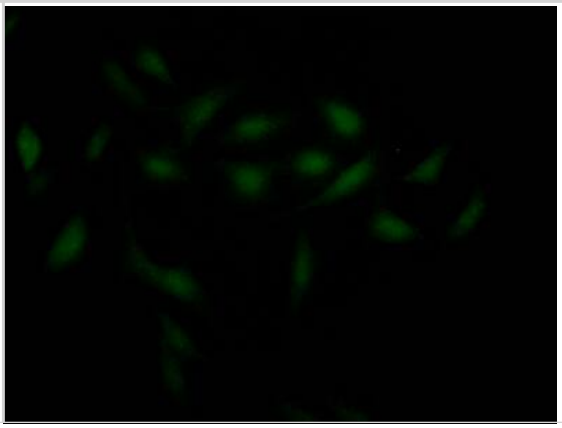
Immunohistochemistry: Chk1 Antibody (2F2) [NBP3-26658] - Image of Chk1 Antibody (2F2) diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked 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).



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Products Related to NBP3-26658-100ul

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

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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