

# Product Datasheet

## CHTF18 Antibody (1F5) - Azide and BSA Free H00063922-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00063922-M01**

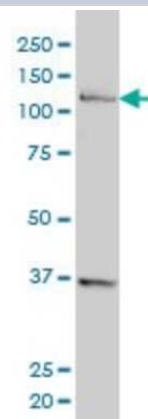
CHTF18 Antibody (1F5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	63922
Gene Symbol	CHTF18
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	CHTF18 - CTF18, chromosome transmission fidelity factor 18 homolog (S. cerevisiae)
Immunogen	CHTF18 (AAH18184, 886 a.a. ~ 975 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GVHRPAPRNHEQRLEHIMRRAAREEQPEKDFFGRVVVRSTAVPSAGDTAPEQ DSVERRMGTAVGRSEVWFRFNEGVSNAVRRSLYIRDLL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for western blot. It has also been used for ELISA. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 22493068)

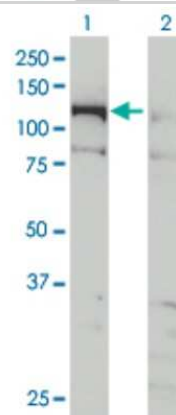


## Images

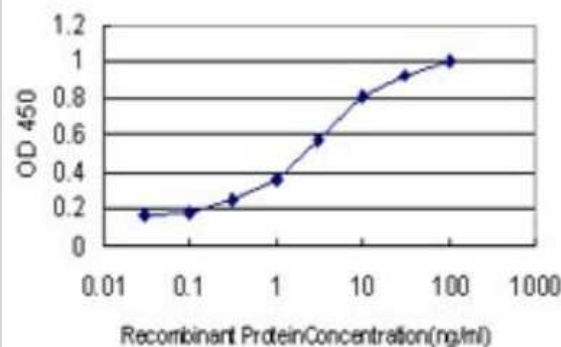
Western Blot: CHTF18 Antibody (1F5) [H00063922-M01] - CHTF18 monoclonal antibody (M01), clone 1F5 Analysis of CHTF18 expression in HeLa.



Western Blot: CHTF18 Antibody (1F5) [H00063922-M01] - Analysis of CHTF18 expression in transfected 293T cell line by CHTF18 monoclonal antibody (M01), clone 1F5. Lane 1: CHTF18 transfected lysate (107 kDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: CHTF18 Antibody (1F5) [H00063922-M01] - Detection limit for recombinant GST tagged CHTF18 is approximately 0.1 ng/ml as a capture antibody.



## Publications

Shiomi Y, Hayashi A, Ishii T et al. Two different replication factor C proteins, Ctf18 and RFC1, separately control PCNA-CRL4Cdt2-mediated Cdt1 proteolysis during S phase and following UV irradiation. *Mol Cell Biol*. 2012-06-01 [PMID: 22493068] (ICC/IF, WB, Human)

Murakami T, Takano R, Takeo S et al. Stable interaction between the human proliferating cell nuclear antigen loader complex Ctf18-replication factor C (RFC) and DNA polymerase {epsilon} is mediated by the cohesion-specific subunits, Ctf18, Dcc1, and Ctf8. *J Biol Chem* 285(45):34608-15. 2010-11-05 [PMID: 20826785]



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### **Products Related to H00063922-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-58935PEP	CHTF18 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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