

# Product Datasheet

## USP14 Antibody (6D6) - Azide and BSA Free H00009097-M04

Unit Size: 0.1 mg

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

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**H00009097-M04**

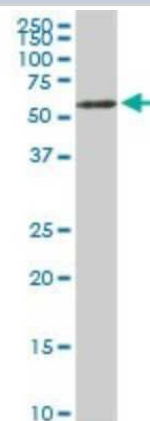
USP14 Antibody (6D6) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6D6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse USP14 Antibody (6D6) - Azide and BSA Free (H00009097-M04) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-USP14 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9097
<b>Gene Symbol</b>	USP14
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	USP14 - ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)
<b>Immunogen</b>	USP14 (NP_005142, 395 a.a. ~ 494 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PQKEVKYEPFSFADDIGSNNCGYYDLQAVLTHQGRSSSSGHYVSWVKRKQDE WIKFDDDKVSIPTPEDILRLSGGGDWHIAYVLLYGPRRVEIMEESEQ
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

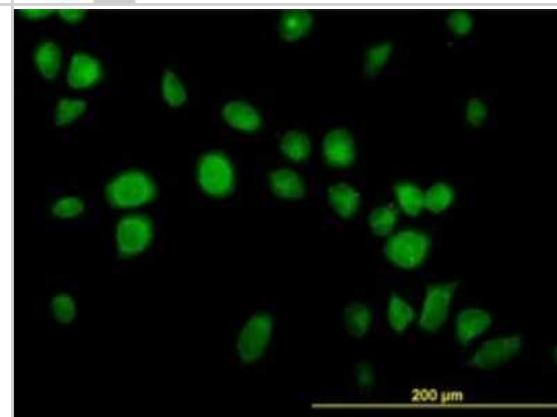


**Images**

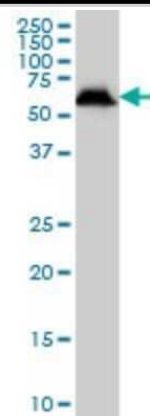
Western Blot: USP14 Antibody (6D6) [H00009097-M04] - Analysis of USP14 expression in NIH/3T3 (Cat # L018V1).



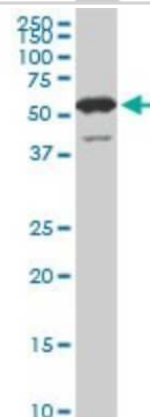
Immunocytochemistry/Immunofluorescence: USP14 Antibody (6D6) [H00009097-M04] - Analysis of monoclonal antibody to USP14 on HeLa cell. Antibody concentration 20 ug/ml



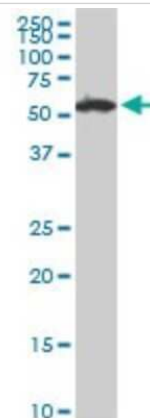
Western Blot: USP14 Antibody (6D6) [H00009097-M04] - Analysis of USP14 expression in HeLa (Cat # L013V1).



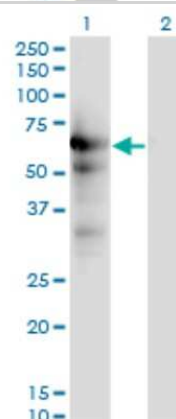
Western Blot: USP14 Antibody (6D6) [H00009097-M04] - Analysis of USP14 expression in PC-12 (Cat # L012V1).



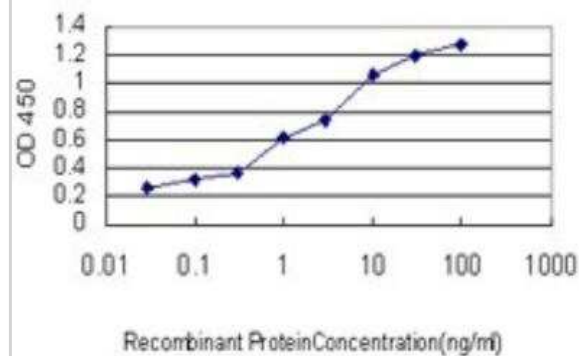
Western Blot: USP14 Antibody (6D6) [H00009097-M04] - Analysis of USP14 expression in Raw 264.7 (Cat # L024V1).



Western Blot: USP14 Antibody (6D6) [H00009097-M04] - Analysis of USP14 expression in transfected 293T cell line by USP14 monoclonal antibody (M04), clone 6D6. Lane 1: USP14 transfected lysate (56.1 kDa). Lane 2: Non-transfected lysate.



ELISA: USP14 Antibody (6D6) [H00009097-M04] - Detection limit for recombinant GST tagged USP14 is approximately 0.1ng/ml as a capture antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Hyrskyluoto A, Bruelle C, Lundh SH et al. Ubiquitin-specific protease-14 reduces cellular aggregates and protects against mutant huntingtin-induced cell degeneration: involvement of the proteasome and ER stress-activated kinase IRE1alpha. *Hum Mol Genet.* 2014-06-20 [PMID: 24951540]

Jacquemont, C Taniguchi, T. Proteasome Function Is Required for DNA Damage Response Fanconi Anemia Pathway Activation. *Cancer Res*; 67: 7395 - 7405. 2007-08-01 [PMID: 17671210]



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### **Products Related to H00009097-M04**

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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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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