

Product Datasheet

MDM2/HDM2 Antibody (1A7) - Azide and BSA Free H00004193-M01

Unit Size: 0.1 mg

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

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H00004193-M01**MDM2/HDM2 Antibody (1A7) - Azide and BSA Free**

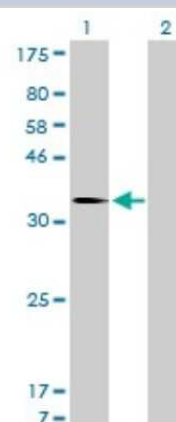
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4193
Gene Symbol	MDM2
Species	Human
Specificity/Sensitivity	Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse)
Immunogen	MDM2 (NP_002383, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TMIYRNLVVVNQEQESSDSGTSVSENRCHEGGSDQKDLVQELQEEKPSSSHL VSRPSTSSRRRAISETTEENSDELGERQKRKRKSDSISLSFDESLALC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

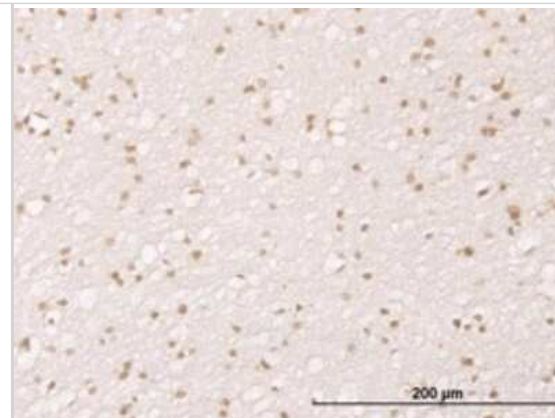
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.

Images

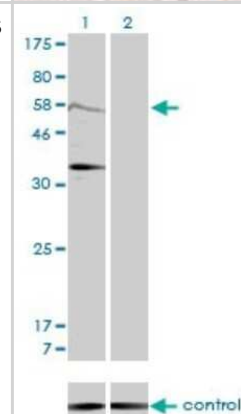
Western Blot: MDM2/HDM2 Antibody (1A7) [H00004193-M01] - Analysis of MDM2 expression in transfected 293T cell line by MDM2 monoclonal antibody (M01), clone 1A7. Lane 1: MDM2 transfected lysate(55.2 KDa). Lane 2: Non-transfected lysate.



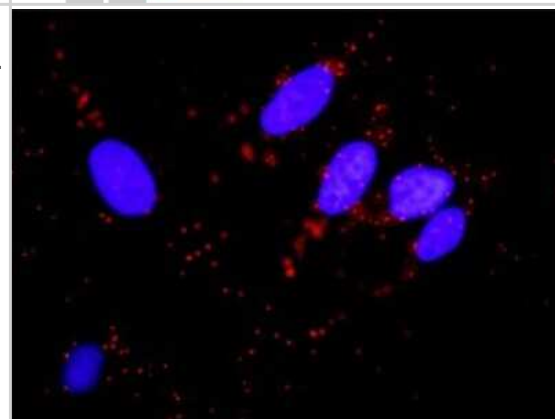
Immunohistochemistry-Paraffin: MDM2/HDM2 Antibody (1A7) [H00004193-M01] - Analysis of monoclonal antibody to MDM2 on formalin-fixed paraffin-embedded human cerebral cortex. Antibody concentration 1.5 ug/ml.



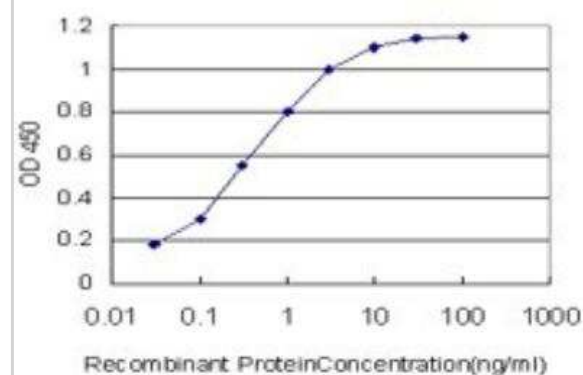
Western Blot: MDM2/HDM2 Antibody (1A7) [H00004193-M01] - Analysis of MDM2 over-expressed 293 cell line, cotransfected with MDM2 Validated Chimera RNAi (Cat # H00004193-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with MDM2 monoclonal antibody (M01), clone 1A7 (Cat # H00004193-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Proximity Ligation Assay: MDM2/HDM2 Antibody (1A7) [H00004193-M01] - Analysis of protein-protein interactions between TP53 and MDM2. HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-MDM2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: MDM2/HDM2 Antibody (1A7) [H00004193-M01] - Detection limit for recombinant GST tagged MDM2 is approximately 0.03ng/ml as a capture antibody.





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Products Related to H00004193-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
DYC1244-2	MDM2/HDM2 [Biotin]

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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