

Mouse anti-Human MDM2 Monoclonal Antibody | anti-MDM2 antibody

MDM2 (E3 Ubiquitin-protein Ligase Mdm2, Double Minute 2 Protein, Hdm2, Oncoprotein Mdm2, p53-binding Protein Mdm2) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25451	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

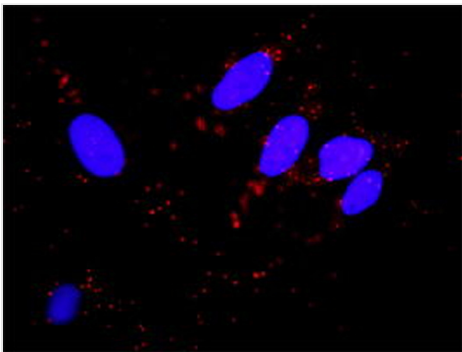
PRODUCT SYNONYMS

MDM2; Monoclonal Antibody; MDM2 (E3 Ubiquitin-protein Ligase Mdm2; Double Minute 2 Protein; Hdm2; Oncoprotein Mdm2; p53-binding Protein Mdm2) (HRP); anti-MDM2 antibody

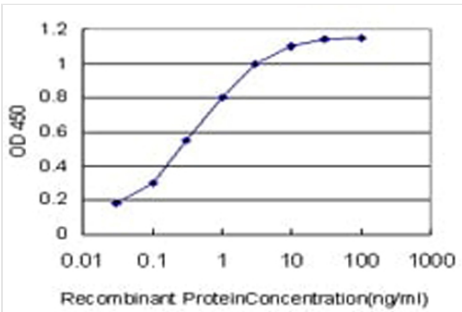
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A7
Specificity	Recognizes human MDM2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-MDM2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa101-200 from human MDM2 (NP_002383) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	TMIYRNLVVVNQQESSDSGTSVSENRCHEGGSDQKDLVQELQEEKPSSSHLVSRPSTSSRRRAISETEENSDELGERQKRHKSDSISLSFDESLALC
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

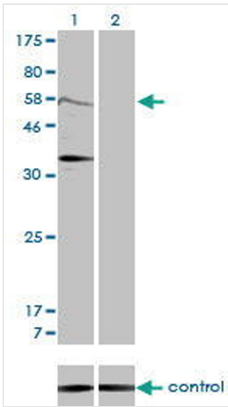
IMAGES



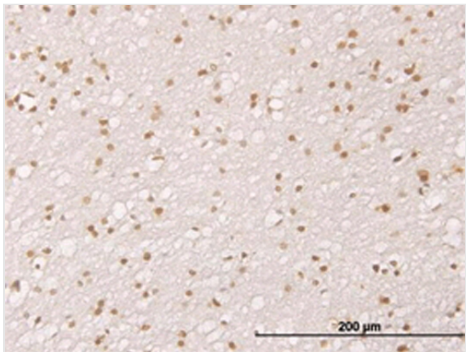
Application Data
Proximity Ligation Analysis of protein-protein interactions between TP53 and MDM2 HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-MDM2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



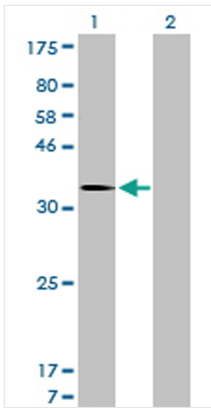
Application Data
Detection limit for recombinant GST tagged MDM2 is ~0.03ng/ml as a capture antibody.



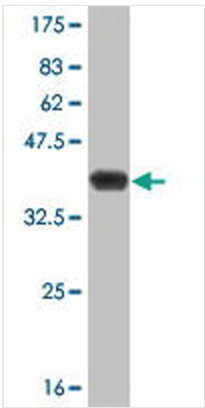
WB (Western Blot)
Western blot analysis of MDM2 over-expressed 293 cell line, cotransfected with MDM2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with MDM2 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to MDM2 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 1.5ug/ml]



WB (Western Blot)
Western Blot analysis of MDM2 expression in transfected 293T cell line by MDM2 monoclonal antibody. Lane 1: MDM2 transfected lysate (55.2kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
Western Blot detection against Immunogen (36.74kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-MDM2 antibody	Antibodies; Binding Proteins
--	------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	89993689
-----------	----------

NCBI GeneID	4193
NCBI Accession #	NP_002383
NCBI GenBank Nucleotide #	NM_002392
UniProt Accession #	A7UKX7 ; F6RKA8 ; Q00987
Molecular Weight	13,133 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform a
NCBI Official Synonym Full Names	MDM2 proto-oncogene, E3 ubiquitin protein ligase
NCBI Official Symbol	MDM2
NCBI Official Synonym Symbols	HDMX; hdm2; ACTFS
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2; MDM2 oncogene, E3 ubiquitin protein ligase; Mdm2, p53 E3 ubiquitin protein ligase homolog; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein; double minute 2, human homolog of; p53-binding protein; oncoprote
UniProt Protein Name	Mdm2
UniProt Gene Name	mdm2
UniProt Entry Name	A7UKX7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mdm2-antibody-clone-1a7-immunohistochemistry-western-blot-elisa/25451>