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) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24565	**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) APC; 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 Allophycocyanin (APC).
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	TMIYRNLVVVNQQESSDSGTSVSENRCHLEGGSDQKDLVQELQEEKPSSSHLVSRPSTSSRRRAISETEENSDELSGERQRKRHKSDSISLSFDESLALC
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial 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).

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.

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

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mdm2-antibody-clone-1a7-immunohistochemistry-western-blot-elisa/24565