

Mouse MDM2 Monoclonal Antibody | anti-MDM2 antibody

MDM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311992	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MDM2; Monoclonal Antibody; MDM2 Antibody; ACTFS antibody; Double minute 2 protein antibody; E3 ubiquitin-protein ligase Mdm2 antibody; Hdm 2 antibody; Hdm2 antibody; HDMX antibody; MDM 2 antibody; MDM2 antibody; MDM2 oncogene E3 ubiquitin protein ligase antibody; Mdm2 p53 E3 ubiquitin protein ligase homolog antibody; Mdm2 transformed 3T3 cell double minute 2 p53 binding protein (mouse) binding protein 104kDa antibody; MDM2_HUMAN antibody; MDM2BP antibody; Mouse Double Minute 2 antibody; MTBP antibody; Murine Double Minute Chromosome 2 antibody; Oncoprotein Mdm2 antibody; p53 Binding Protein Mdm2 antibody; p53-binding protein Mdm2 antibody; Ubiquitin protein ligase E3 Mdm2 antibody; anti-MDM2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	3G2
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Concentration	2mg/mL (varies by lot)
Applicable Applications for anti-MDM2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 154-167 of MDM2 of human.
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot analysis of MDM2 expression in U-2OS (A), A-673 (B) and RAW 264.7 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MDM2 antibody

p53 is the most commonly mutated gene in human cancer identified to date. Expression of p53 leads to inhibition of cell growth by preventing progression of cells from G1 to S phase of the cell cycle. Most importantly, p53 functions to cause arrest of cells in the G1 phase of the cell cycle following any exposure of cells to DNA-damaging agents. The MDM2 (murine double minute-2) protein was initially identified as an oncogene in a murine transformation system. MDM2 functions to bind p53 and block p53-mediated transactivation of cotransfected reporter constructs. The MDM2 gene is amplified in a high percentage of human sarcomas that retain wildtype p53 and tumor cells that overexpress MDM2 can tolerate high levels of p53 expression. These findings argue that MDM2 overexpression represents at least one mechanism by which p53 function can be abrogated during tumorigenesis.

Product Categories/Family for anti-MDM2 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89993689
NCBI GeneID	4193
NCBI Accession #	NP_002383.2
NCBI GenBank Nucleotide #	NM_002392.5
UniProt Accession #	Q00987; Q13226; Q13297; Q13298; Q13299; Q13300; Q13301; Q53XW0; Q71TW9; Q8WYJ1; A6NL51; A8K2S6
Molecular Weight	90 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform a
NCBI Official Synonym Full Names	MDM2 oncogene, E3 ubiquitin protein ligase
NCBI Official Symbol	MDM2
NCBI Official Synonym Symbols	HDMX; hdm2; ACTFS
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2; oncoprotein Mdm2; Mdm2, p53 E3 ubiquitin protein ligase homolog; double minute 2, human homolog of; p53-binding protein; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein
UniProt Protein Name	E3 ubiquitin-protein ligase Mdm2
UniProt Gene Name	MDM2
UniProt Synonym Gene Names	Hdm2
UniProt Entry Name	MDM2_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-3g2-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/311992>