

Rabbit anti-Human MDM2 Polyclonal Antibody | anti-MDM2 antibody

MDM2 Antibody (S166)

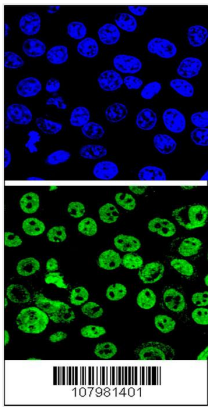
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286762	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

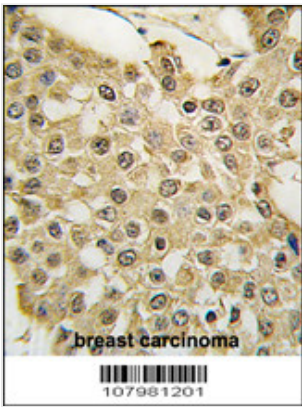
MDM2; Polyclonal Antibody; MDM2 Antibody (S166); E3 ubiquitin-protein ligase Mdm2; 632-; Double minute 2 protein; Hdm2; Oncoprotein Mdm2; p53-binding protein Mdm2; anti-MDM2 antibody

PRODUCT SPECIFICATIONS

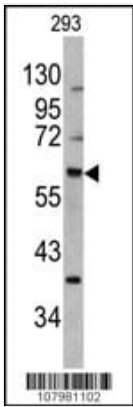
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MDM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-176 amino acids from human MDM2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	141-176
Sequence Length	497
Applicable Applications for anti-MDM2 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of MDM2 Antibody (S166) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with the MDM2 Antibody (S166) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MDM2 antibody (S166) in 293 cell line lysates (35ug/lane). MDM2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MDM2 antibody	MDM2 is a target of the transcription factor tumor protein p53. This protein is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53, as part of an autoregulatory negative feedback loop. Overexpression of MDM2 can result in excessive inactivation of tumor protein p53, diminishing its tumor suppressor function. This protein has E3 ubiquitin ligase activity, which targets tumor protein p53 for proteasomal degradation. This protein also affects the cell cycle,apoptosis, and tumorigenesis through interactions with other proteins, including retinoblastoma 1 and ribosomal protein L5.
Product Categories/Family for anti-MDM2 antibody	Cancer; Cell biology
References	Burch, L.R., et al., J. Mol. Biol. 337(1):115-128 (2004). Schon, O., et al., J. Mol. Biol. 336(1):197-202 (2004). Mantesso, A., et al., J. Oral Pathol. Med. 33(2):96-101 (2004). Shmueli, A., et al., Mol. Cell 13(1):4-5 (2004). Xia, L., et al., Cancer Res. 64(1):221-228 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890205
NCBI GeneID	4193

NCBI Accession #	NP_001138811.1; NP_001265391.1; NP_002383.2
NCBI GenBank Nucleotide #	NM_001145339.2
UniProt Accession #	Q00987; Q13226; Q13297; Q13298; Q13299; Q13300; Q13301; Q53XW0; Q71TW9; Q8WYJ1; A6NL51; A8K2S6
Molecular Weight	55233
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform h
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
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://www.aaabiotech.com/polyclonal/mdm2-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/286762>