

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

MDM2 (Phospho-Ser166) Antibody

CATALOG # AAA111733	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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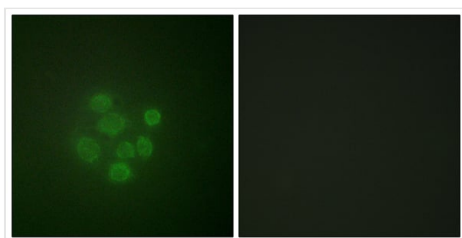
PRODUCT SYNONYMS

MDM2; MDM2 (Phospho-Ser166) Antibody; Double minute 2 protein; EC 6.3.2.-; Oncoprotein Mdm2; Ubiquitin-protein ligase E3 Mdm2; p53-binding protein Mdm2; anti-MDM2 antibody

PRODUCT SPECIFICATIONS

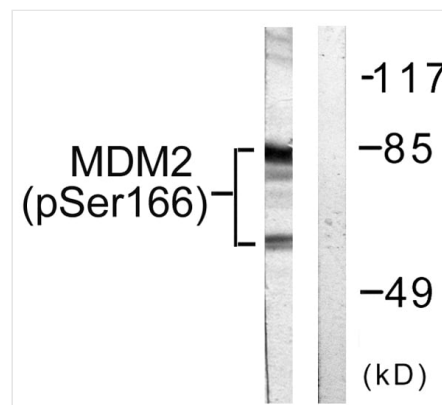
Reactivity	Human, Mouse
Specificity	MDM2 (Phospho-Ser166) antibody detects endogenous levels of MDM2 only when phosphorylated at serine 166.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	442
Applicable Applications for anti-MDM2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MDM2 around the phosphorylation site of serine 166 (A-I-SP-E-T).
All Sites	Human: Ser166 Mouse: Ser163
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



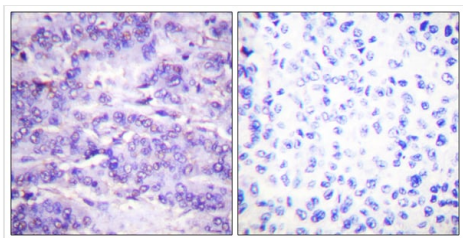
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of A549 cells, using MDM2 (Phospho-Ser166) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MDM2 (Phospho-Ser166) antibody. Western blot analysis of extracts from COS7 cells, using MDM2 (Phospho-Ser166) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-MDM2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	M Zhou, Blood, Mar 1995; 85: 1608-1614. Susan M. Mendrysa, Mol. Cell. Biol., Mar 2000; 20: 2023-2030. M. Saeed Sheikh, Cancer Res., Jul 1993; 53: 3226-3228. Jordan S. Fridman, Cancer Res., Sep 2003; 63: 5703-5706.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890205
NCBI GeneID	4193
NCBI Accession #	NP_001138811.1
NCBI GenBank Nucleotide #	NM_001145339.2
UniProt Accession #	Q00987; Q13226; Q13297; Q13298; Q13299; Q13300; Q13301; Q53XW0; Q71TW9; Q8WYJ1; A6NL51; A8K2S6
Molecular Weight	55,991 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform h
NCBI Official Synonym Full Names	MDM2 proto-oncogene
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

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/human-mouse-antibody/mdm2/111733>