

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

MDM2 (Ab-166) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303495	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

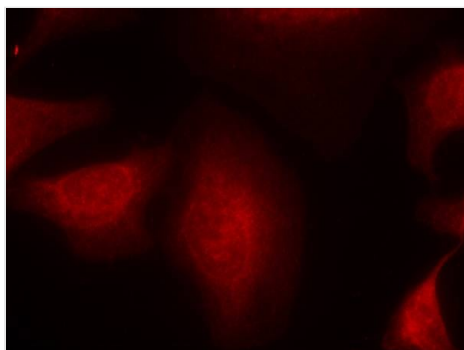
PRODUCT SYNONYMS

MDM2; Polyclonal Antibody; MDM2 (Ab-166) Antibody; HDMX; hdm2; anti-MDM2 antibody

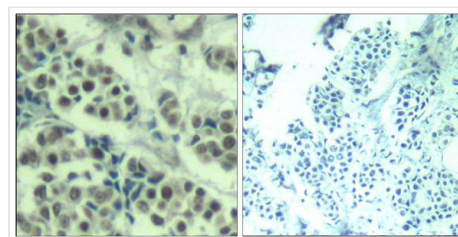
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MDM2 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-MDM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.164~168 (A-I-S-E-T) derived from Human MDM2.
Target Name	MDM2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

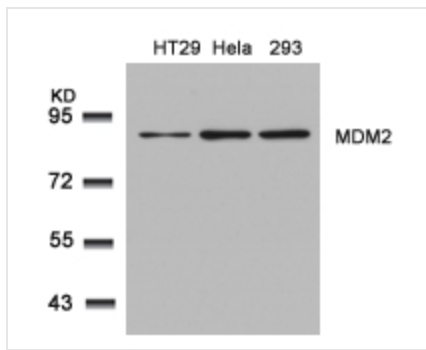
IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using MDM2(Ab-166) Antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MDM2(Ab-166) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from HT29, HeLa and 293 cells using MDM2(Ab-166) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MDM2 antibody	This gene is a target gene of the transcription factor tumor protein p53. The encoded protein is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53, as part of an autoregulatory negative feedback loop. Overexpression of this gene 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. More than 40 different alternatively spliced transcript variants have been isolated from both tumor and normal tissues
Product Categories/Family for anti-MDM2 antibody	Total protein Ab

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, 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.