

Mouse MDM2 Monoclonal Antibody | anti-MDM2 antibody

MOUSE ANTI MDM2

CATALOG # AAA49598	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunohistochemistry, Immunohistochemistry
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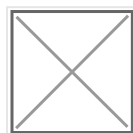
PRODUCT SYNONYMS

MDM2; Monoclonal Antibody; MOUSE ANTI MDM2; anti-MDM2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	SMP14
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-MDM2 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Synthetic peptide, CSRPTSSRRRAISE, corresponding to amino acids 154-167 of human MDM2 Histology Positive Control Tissue
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Staining of human breast carcinoma. Formalin fixed, paraffin processed tissue with Mouse anti Human MDM2

ADDITIONAL INFORMATION

Related Product Information for anti-MDM2 antibody	Mouse anti MDM2 antibody, clone SMP14 recognizes the 90kDa MDM2 protein, which forms a complex with p53 leading to p53 inhibition. MDM2 also acts to stimulate cell proliferation via its induction of transcription factors such as E2F1 and DPI. MDM2 is over expressed in a range of human malignancies, including soft tissue sarcomas, breast cancer and bladder cancer.
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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; 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; oncoprotein 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.