

Product Name: MDM2 Mouse Monoclonal Antibody
Catalog #: AMM82440



Summary

Production Name	MDM2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	MDM2
Alternative Names	HDMX; LSKB; hdm2; ACTFS
Gene ID	4193.0
SwissProt ID	Q00987.Purified recombinant fragment of human MDM2 (AA: 26-169) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	55.2kDa

Background

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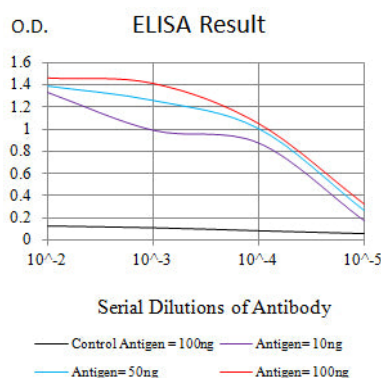


This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells.

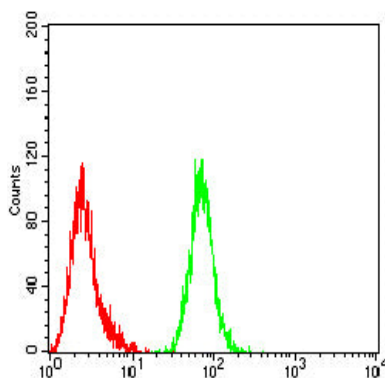
Research Area

Apoptosis, PI3K-Akt signaling pathway

Image Data

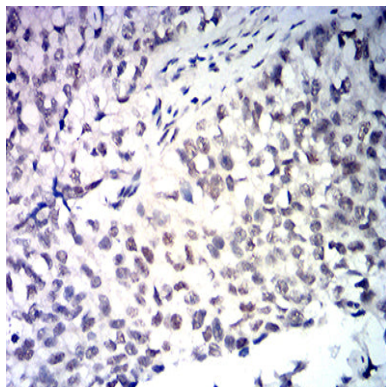


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of Hela cells using MDM2 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using MDM2 mouse mAb with DAB staining.

Note

For research use only.