Product Name: **MDM2 Mouse Monoclonal Antibody**
Catalog #: **AMM81436**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	55.2kDa

Antigen Information

Gene Name	MDM2
Alternative Names	DMX; hdm2; ACTFS
Gene ID	4193.0
SwissProt ID	Q00987
Immunogen	Synthesized peptide of human MDM2 (AA: ASEQETLVRPKPLLc).

Background

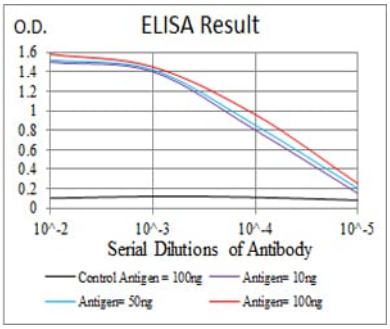
This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected 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.

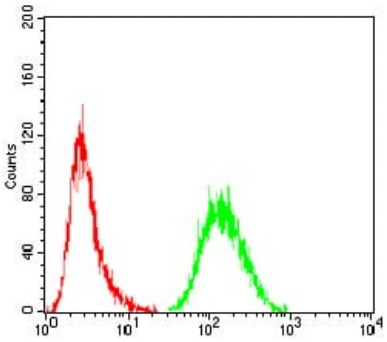
Research Area

Apoptosis,PI3K-Akt signaling pathway

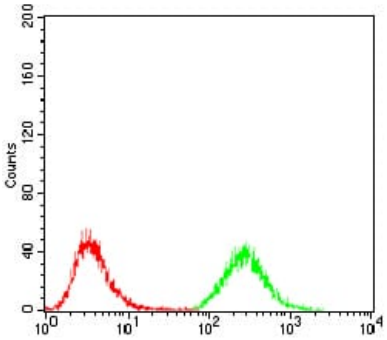
Image Data



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).



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