

MDM2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2537
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Synthesized peptide of human MDM2 (AA: ASEQETLVRPKPLLc).
Mol wt	55.2kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	DMX;hdm2;ACTFS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

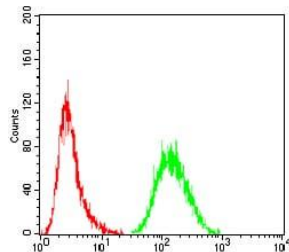
Recommended Dilution

FCM: 1:200 - 1:400

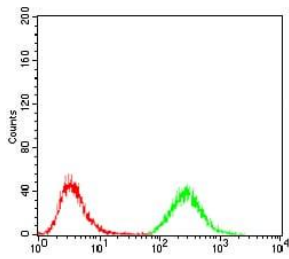
ELISA: 1:10000

Not yet tested in other applications.

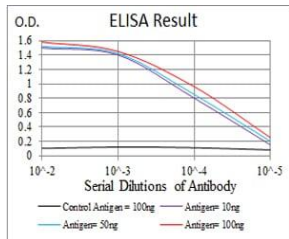
Images



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).



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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