

## MDM2 Monoclonal Antibody

### Description

|                                |                                                                                |
|--------------------------------|--------------------------------------------------------------------------------|
| <b>Product type</b>            | Antibody                                                                       |
| <b>Code</b>                    | BT-MCA4700                                                                     |
| <b>Host</b>                    | Mouse                                                                          |
| <b>Isotype</b>                 | Mouse IgG1                                                                     |
| <b>Size</b>                    | 100µL, 50µL                                                                    |
| <b>Immunogen</b>               | Purified recombinant fragment of human MDM2 (AA: 26-169) expressed in E. Coli. |
| <b>Mol wt</b>                  | 55.2kDa                                                                        |
| <b>Species reactivity</b>      | Others                                                                         |
| <b>Clonality</b>               | Monoclonal                                                                     |
| <b>Recommended application</b> | FCM                                                                            |
| <b>Concentration</b>           | N/A                                                                            |
| <b>Full name</b>               | N/A                                                                            |
| <b>Synonyms</b>                | HDMX;LSKB;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. [provided by RefSeq, Jun 2013]

### Recommended Dilution

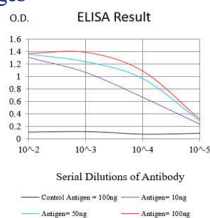
WB: 1:500 - 1:2000

FCM: 1:200-1:400

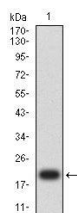
ELISA: 1:10000

Not yet tested in other applications.

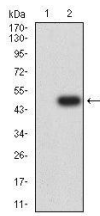
### Images



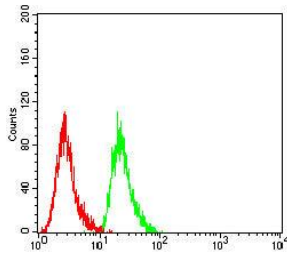
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using MDM2 mAb against human MDM2 (AA: 26-169) recombinant protein. (Expected MW is 19.4 kDa)



Western blot analysis using MDM2 mAb against HEK293 (1) and MDM2 (AA:26-169)-hIgGFc transfected HEK293 (2) cell lysate.



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

### Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)