

MDM2

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:55kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human MDM2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 μl

Synonym:

MDM2;HDMX;MGC5370;MGC71221;hdm2;

Catalog #:A0345

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4193

Isotype:IgG

Swiss Prot:Q00987

Purity:Affinity purification

For research use only.

Background:

MDM2, a ubiquitin ligase for p53, plays a central role in regulation of the stability of p53 (1).

Akt-mediated phosphorylation of MDM2 at Ser166 and Ser186 increases its interaction with p300, allowing MDM2-mediated ubiquitination and degradation of p53 (2-4). Phosphorylation of MDM2 also blocks its binding to p19ARF, increasing the degradation of p53 (3).

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