

## MDM2

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**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  
ml

**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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