

## 35-1686: Polyclonal Antibody to MDM2

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	MDM2
<b>Gene ID :</b>	4193
<b>Uniprot ID :</b>	Q00987
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HDMX, hdm2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.18~22(Q-I-P-A-S) derived from Human MDM2.

### Description

MDM2, a ubiquitin ligase for p53, plays a central role in regulation of the stability of p53 . Akt-mediated phosphorylation of MDM2 at Ser166 and Ser186 increases its interaction with p300, allowing MDM2-mediated ubiquitination and degradation of p53 . Phosphorylation of MDM2 also blocks its binding to p19ARF, increasing the degradation of p53 .

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 90kd, Western blotting: 1:500~1:1000

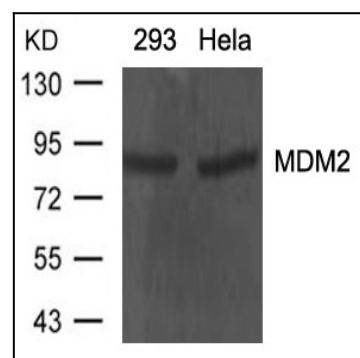


Figure 1: Western blot analysis of extracts from 293 and HeLa cells using MDM2 Antibody 35-1686 .