

35-1686: Polyclonal Antibody to MDM2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	MDM2
Gene ID :	4193
Uniprot ID :	Q00987
Format :	Purified
Alternative Name :	HDMX, hdm2
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	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

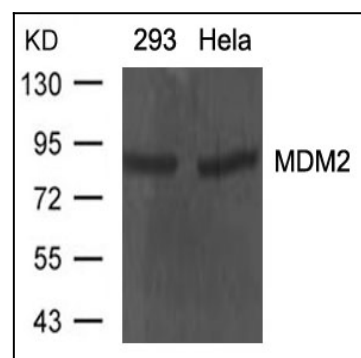


Figure 1: Western blot analysis of extracts from 293 and HeLa cells using MDM2 Antibody 35-1686 .