

## Anti-MDM2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

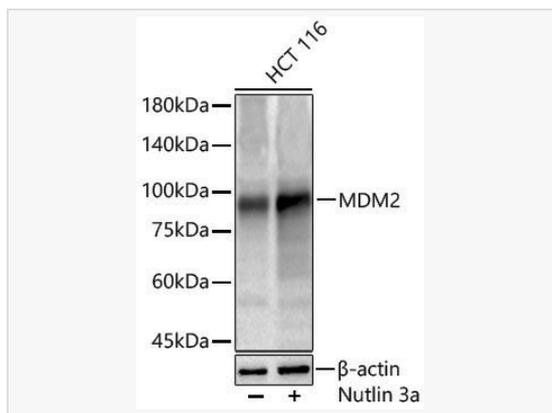
Catalog # P101522

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 200-430 of human MDM2 (NP_001354919.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MDM2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	HDMX; LSKB; hdm2; ACTFS; MDM2.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 90 kDa
Uniprot ID	Q00987
Gene ID	4193
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.



Western blot analysis of lysates from HCT 116 cells using MDM2 Rabbit pAb (P101522) at 1:2,000 dilution incubated overnight at 4°C. HCT 116 cells were treated by Nutlin 3a (15  $\mu$ M) at 37°C for 24 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 30  $\mu$ g per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 10s.