

## Product Datasheet

### Anti-MDM2 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01906

#### Product Information

Product name	Anti-MDM2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:200
Cellular localization	Cytoplasm, Nucleus	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

#### General Information

**Background** MDM2 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. p53 is the most commonly mutated gene in human cancer identified to date. Expression of p53 leads to inhibition of cell growth by preventing progression of cells from G1 to S phase of the cell cycle. MDM2 functions to bind p53 and block p53-mediated transactivation of cotransfected reporter constructs. The MDM2 gene is amplified in a high percentage of human sarcomas that retain wildtype p53 and tumor cells that overexpress MDM2 can tolerate high levels of p53 expression.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MDM2.

**Purification** Polyclonal antibody was purified by Protein A affinity chromatography.

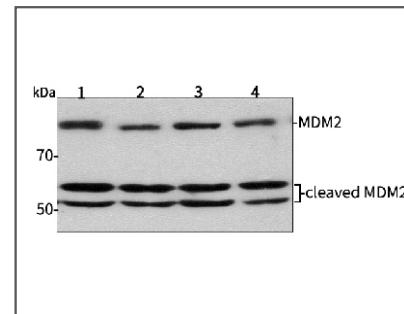
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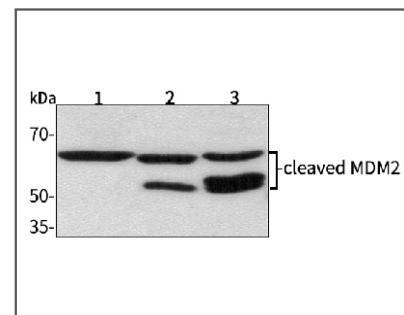
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#### Product Images



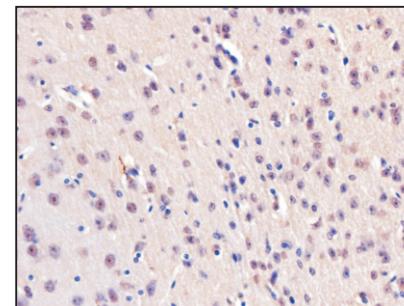
##### Western blot-Anti-MDM2 pAb

Lane 1: Human BGC-823 cell lysate  
 Lane 2: Human MGC-803 cell lysate  
 Lane 3: Human SGC-7901 cell lysate  
 Lane 4: Human MCF-7 cell lysate  
 All lanes: Anti-MDM2 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 55 kDa  
 Observed band size: 60/90kDa



##### Western blot-Anti-MDM2 pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat liver tissue lysate  
 All lanes: Anti-MDM2 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 55 kDa  
 Observed band size: 60/90kDa



##### Immunohistochemistry-Anti-MDM2 pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-MDM2 Rabbit Antibody at 1:100 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0