



# Human MDM2 blocking peptide (CDBP1852)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-MDM2 (isoform) antibody
<b>Antigen Description</b>	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. [provided by RefSeq, Jun 2013]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MDM2 Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse) [ Homo sapiens ]</a>
<b>Official Symbol</b>	MDM2
<b>Synonyms</b>	MDM2; Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse); Mdm2 p53 binding protein homolog (mouse) , Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) ,

mouse double minute 2, human homolog of; p53 binding protein; E3 ubiquitin-protein ligase Mdm2; HDM2; HDMX; MGC5370; oncoprotein Mdm2; MDM2 variant FB28; MDM2 variant FB30; double minute 2, human homolog of; p53-binding protein; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein; hdm2; ACTFS; MGC71221;

<b>Entrez Gene ID</b>	<a href="#">4193</a>
<b>mRNA Refseq</b>	<a href="#">NM_002392</a>
<b>Protein Refseq</b>	<a href="#">NP_002383</a>
<b>UniProt ID</b>	Q00987
<b>Chromosome Location</b>	12q13-q14
<b>Pathway</b>	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem;
<b>Function</b>	enzyme binding; ligase activity; metal ion binding; p53 binding; protein binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding; zinc ion binding;