



Human MDM2 blocking peptide (CDBP1852)

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

PRODUCT INFORMATION

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

GENE INFORMATION

Gene Name	MDM2 Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse) [Homo sapiens]
Official Symbol	MDM2
Synonyms	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;

Entrez Gene ID	4193
mRNA Refseq	NM_002392
Protein Refseq	NP_002383
UniProt ID	Q00987
Chromosome Location	12q13-q14
Pathway	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;
Function	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;