



Anti-MDM2 (aa 101-200) polyclonal antibody (DPAB-DC1910)

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

PRODUCT INFORMATION

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.
Immunogen	MDM2 (NP_002383, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. The sequence is TMIYRNLVVVNQQESSDSGTSVSENRCHEGGSDQKDLVQELQEEKPSSSHLVSRPSTSS RRRAISETTEENSDELSGERQKRHKSDSISLSFDESLALC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MDM2 MDM2 proto-oncogene, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	MDM2
Synonyms	MDM2; MDM2 proto-oncogene, E3 ubiquitin protein ligase; HDMX; hdm2; ACTFS; E3 ubiquitin-protein ligase Mdm2; oncoprotein Mdm2; MDM2 oncogene, E3 ubiquitin protein ligase; Mdm2, p53 E3 ubiquitin protein ligase homolog; double minute 2, human homolog of; p53-binding protein; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein;
Entrez Gene ID	4193
Protein Refseq	NP_001138809
UniProt ID	A7UKX8
Chromosome Location	12q14.3-q15
Pathway	AKT phosphorylates targets in the cytosol; Androgen receptor signaling pathway; Aurora A signaling; Cell Cycle
Function	enzyme binding; identical protein binding; ligase activity; p53 binding