

MDM4 rabbit monoclonal antibody

Catalog # H00004194-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MDM4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MDM4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MDM4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MDM4

Entrez GeneID	4194
GeneBank Accession#	MDM4
Gene Name	MDM4
Gene Alias	DKFZp781B1423, HDMX, MDMX, MGC132766, MRP1
Gene Description	Mdm4 p53 binding protein homolog (mouse)
Omim ID	602704
Gene Ontology	Hyperlink
Gene Summary	The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2. Two transcript variants, one protein-coding and the other likely not to be protein-coding, have been found for this gene. [provided by RefSeq]
Other Designations	MDM4-related protein 1 Mdm4, transformed 3T3 cell double minute 4, p53 binding protein double minute 4, human homolog of; p53-binding protein mouse double minute 4 homolog p53-binding protein

Pathway

- [p53 signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)