

# Product Information

## Recombinant Anti-Human MDM4 Single Domain Antibody

Cat. No.: **NAB-L120**

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

### Product Overview

Single Domain Antibody to human MDM4.

### Antigen Description

Protein Mdm4 is a protein that in humans is encoded by the MDM4 gene. 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.

### Specific Activity

Tested positive against native human antigen.

### Target

MDM4

### Immunogen

The details of the immunogen for this antibody are not available.

### Source

llama

### Species Reactivity

Human

### Type

llama Single Domain Antibody

### Expression Host

E.coli

### Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

## ANTIGEN GENE INFORMATION

### Gene Name

[MDM4 Mdm4 p53 binding protein homolog \(mouse\) \[ Homo sapiens \]](#)

### Official Symbol

MDM4

**Synonyms**

MDM4; Mdm4 p53 binding protein homolog (mouse); Mdm4, transformed 3T3 cell double minute 4, p53 binding protein (mouse) , mouse double minute 4, human homolog of; p53 binding protein; protein Mdm4; MDMX; protein Mdmx; MDM4-related protein 1; mdm2-like p53-binding protein; double minute 4, human homolog of; p53-binding protein; Mdm4, transformed 3T3 cell double minute 4, p53 binding protein; HDMX; MRP1; MGC132766; DKFZp781B1423;

**Gene ID**

[4194](#)

**mRNA Refseq**

[NM\\_001204171](#)

**Protein Refseq**

[NP\\_001191100](#)

**MIM**

[602704](#)

**UniProt ID**

O15151

**Chromosome Location**

1q32

**Pathway**

p53 pathway, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;

**Function**

enzyme binding; metal ion binding; protein binding; zinc ion binding; zinc ion binding;