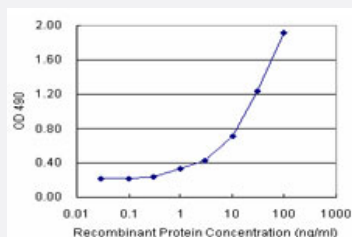


MDM4 (Human) Matched Antibody Pair

Catalog # H00004194-AP21

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

| | |
|--------------------------------------|---|
| Product Description | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human MDM4. |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (83%); Rat (83%) |
| Quality Control Testing | Standard curve using recombinant protein (H00004194-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml. |
| Supplied Product | Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-MDM4 (100 ug) 2. Detection antibody: mouse polyclonal anti-MDM4 (40 ul) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols. |
| Storage Instruction | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use. |

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — MDM4

Entrez GeneID [4194](#)

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](#)