# 磷酸化 MDM2 样 P53 结合蛋白抗体

**产品货号：** mlR18748

**英文名称：** phospho-MDMX (Ser367)

**中文名称：** 磷酸化 MDM2 样 P53 结合蛋白抗体

**别　　名：** MDMX (phospho S367); p-MDMX (phospho S367); DKFZp781B1423; Double minute 4; Double minute 4 human homolog of p53 binding protein; Double minute 4 protein; HDMX; MDM 4; Mdm2 like p53 binding protein; Mdm2-like p53-binding protein; MDM4; Mdm4 p53 binding protein homolog mouse; Mdm4 protein; MDM4 related protein 1; Mdm4 transformed 3T3 cell double minute 4; Mdm4 transformed 3T3 cell double minute 4 p53 binding protein; Mdm4 transformed 3T3 cell double minute 4 p53 binding protein mouse; MDM4_HUMAN; Mdmx protein; MGC132766; Mouse double minute 4 homolog; Mouse double minute 4 human homolog of p53 binding protein; MRP 1; MRP1; p53 binding protein; p53 BINDING PROTEIN MDM4; p53-binding protein Mdm4; Protein Mdm4; Protein Mdmx.

**研究领域：** 细胞生物　细胞凋亡　表观遗传学

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应：** Human, Mouse, Rat, Dog, Pig, Horse, Rabbit,

**产品应用：** WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

**分 子 量：** 55kDa

**细胞定位：** 细胞核

**性　　状：** Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthesised phosphopeptide derived from human MDMX Receptor around the **phosphorylat**ion site of Ser367:TI(p-S)AP

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ˚C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20˚C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ˚C.

**PubMed**： PubMed

产品介绍： This gene encodes a nuclear protein that contains a p53 binding domain at the N-terminus and a RING finger domain at the C-terminus, and shows structural similarity to p53-binding protein MDM2. Both proteins bind the p53 tumor suppressor protein and inhibit its activity, and have been shown to be overexpressed in a variety of human cancers. However, unlike MDM2 which degrades p53, this protein inhibits p53 by binding its transcriptional activation domain. This protein also interacts with MDM2 protein via the RING finger domain, and inhibits the latter's degradation. So this protein can reverse MDM2-targeted degradation of p53, while maintaining suppression of p53 transactivation and apoptotic functions. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Feb 2011]

**Function:**

Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Expressed in all tissues tested with high levels in thymus.

**Post-translational modifications:**

Ubiquitinated. Deubiquitinated by USP2; leading to stabilize it.

**Similarity:**

Belongs to the MDM2/MDM4 family.

Contains 1 RanBP2-type zinc finger.

Contains 1 RING-type zinc finger.

Contains 1 SWIB domain.

**SWISS**:

O15151

**Gene ID:**

4194

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片