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Datasheet for ABIN7138576

anti-MDM4-binding Protein antibody (pSer367)

2 Images

Overview

Quantity:	100 µL
Target:	MDM4-binding Protein (MDM4)
Binding Specificity:	pSer367
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDM4-binding Protein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 367 (T-I-S(p)-A-P) derived from Human MDM4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	MDM4-binding Protein (MDM4)
Alternative Name:	MDM4 (MDM4 Products)

Target Details

Background: Background: 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.

Aliases: DKFZp781B1423 antibody, Double minute 4 antibody, Double minute 4 human homolog of p53 binding protein antibody, Double minute 4 protein antibody, HDMX antibody, MDM 4 antibody, Mdm2 like p53 binding protein antibody, Mdm2-like p53-binding protein antibody, MDM4 antibody, Mdm4 p53 binding protein homolog mouse antibody, Mdm4 protein antibody, MDM4 related protein 1 antibody, Mdm4 transformed 3T3 cell double minute 4 antibody, Mdm4 transformed 3T3 cell double minute 4 p53 binding protein antibody, Mdm4 transformed 3T3 cell double minute 4 p53 binding protein mouse antibody, MDM4_HUMAN antibody, Mdmx protein antibody, MGC132766 antibody, Mouse double minute 4 homolog antibody, Mouse double minute 4 human homolog of p53 binding protein antibody, MRP 1 antibody, MRP1 antibody, p53 binding protein antibody, p53 BINDING PROTEIN MDM4 antibody, p53-binding protein Mdm4 antibody, Protein Mdm4 antibody, Protein Mdmx antibody

UniProt: [O15151](#)

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

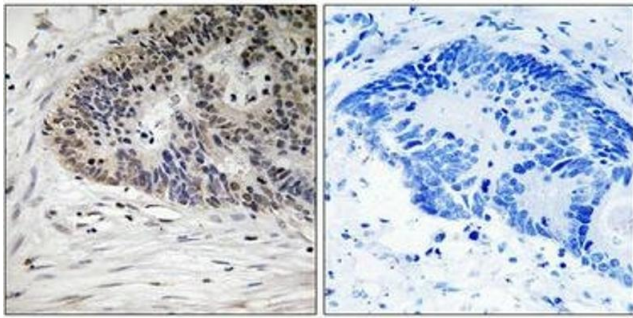
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

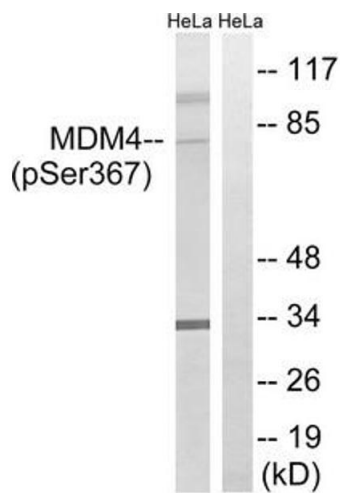
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using MDM4 (Phospho-Ser367) antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa cells, treated with calyculinA (50 ng/mL, 30 mins), using MDM4 (Phospho-Ser367) antibody. The lane on the right is treated with the synthesized peptide.