MDM4 (Phospho-Ser367) Antibody

Catalog No: #12141

Package Size: #12141-1 50ul #12141-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

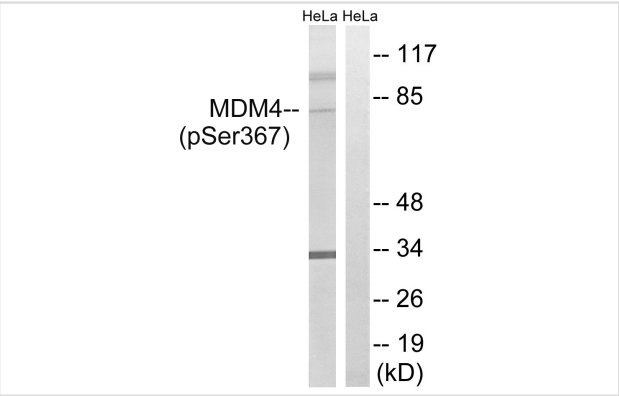
Product Name	MDM4 (Phospho-Ser367) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of MDM4 only when phosphorylated at serine 367.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 367 (T-I-S(p)-A-P) derived from Human MDM4.
Target Name	MDM4
Modification	Phospho
Other Names	double minute 4 protein; Mdm2-like p53-binding protein; MDMX; p53-binding protein Mdm4
Accession No.	Swiss-Prot#:O15151;NCBI Gene#:4194
Uniprot	O15151
GeneID	4194;
SDS-PAGE MW	80kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

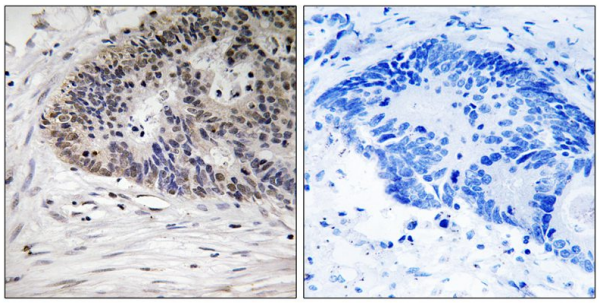
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HeLa cells, treated with calyculinA (50ng/ml, 30mins), using MDM4 (Phospho-Ser367) antibody #12141. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using MDM4 (Phospho-Ser367) antibody #12141. The picture on the right is treated with the synthesized peptide.

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.

Note: This product is for in vitro research use only