

MDM2(Phospho-Ser260) antibody

Catalog No: #12171

Package Size: #12171-1 50ul #12171-2 100ul

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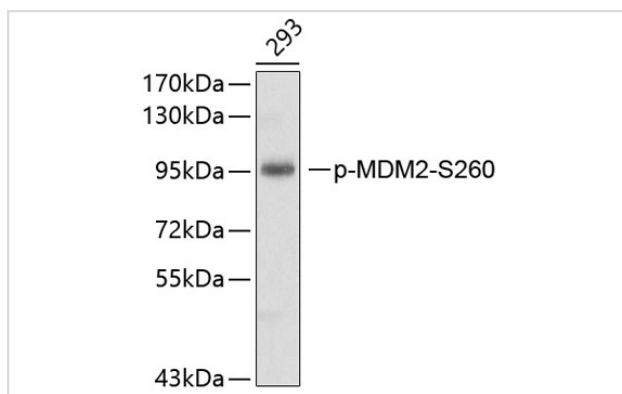
Description

Product Name	MDM2(Phospho-Ser260) 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 chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of MDM2 only when phosphorylated at serine 260.
Immunogen Type	Peptide
Immunogen Description	A phospho specific peptide corresponding to residues surrounding S260 of human MDM2.
Target Name	MDM2
Modification	Phospho
Other Names	HDMX; hdm2; ACTFS; MGC5370; MGC71221
Accession No.	Swiss-Prot#: Q00987NCBI Gene ID: 4193
Uniprot	Q00987
GeneID	4193;
SDS-PAGE MW	95kD;55KD(Calculated)
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of 293 cell line, using phospho-MDM2-S260 .

Background

MDM2, a ubiquitin ligase for p53, plays a central role in regulation of the stability of p53 (1). Akt-mediated phosphorylation of MDM2 at Ser166 and Ser186 increases its interaction with p300, allowing MDM2-mediated ubiquitination and degradation of p53 (2-4). Phosphorylation of MDM2 also blocks its binding to p19ARF, increasing the degradation of p53 (3).

Note: This product is for in vitro research use only