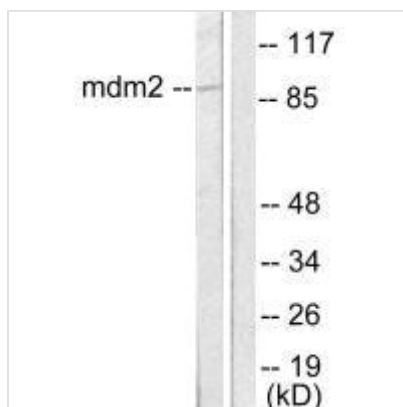


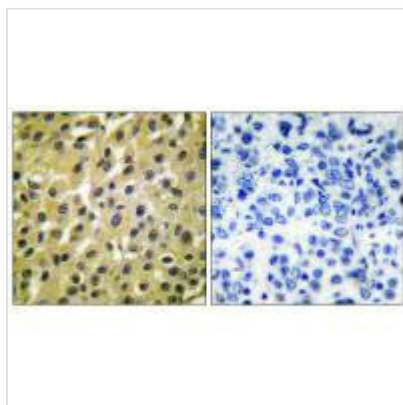


MDM2 Antibody

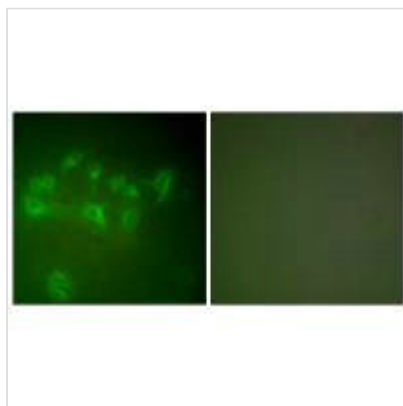
Product Code	CSB-PA891046
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q00987
Immunogen	Synthesized peptide derived from Human MDM2.
Raised In	Rabbit
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous levels of total MDM2 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	E3 ubiquitin-protein ligase that mediates ubiquitination of p53/TP53, leading to its degradation by the proteasome. Inhibits p53/TP53- and p73/TP73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Also acts as a ubiquitin ligase E3 toward itself and ARRB1. Permits the nuclear export of p53/TP53. Promotes proteasome-dependent ubiquitin-independent degradation of retinoblastoma RB1 protein. Inhibits DAXX-mediated apoptosis by inducing its ubiquitination and degradation. Component of the TRIM28/KAP1-MDM2-p53/TP53 complex involved in stabilizing p53/TP53. Also component of the TRIM28/KAP1-ERBB4-MDM2 complex which links growth factor and DNA damage response pathways. Mediates ubiquitination and subsequent proteasome degradation of DYRK2 in nucleus. Ubiquitinates IGF1R and SNAI1 and promotes them to proteasomal degradation. Jer-Yen Yang, Mol. Cell. Biol., Oct 2006; 26: 7269 - 7282. Lubing Gu, Blood, May 2002; 99: 3367 - 3375. Hongyan Zhu, J. Biol. Chem., Dec 2003; 278: 49286 - 49292. Tatiana Dilla, Endocrinology, Jan 2000; 141: 420.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Double minute 2 protein; double minute 2; human homolog of; E3 ubiquitin-protein ligase Mdm2; Hdm2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MDM2
Image	



Western blot analysis of extracts from SKOV3 cells, using MDM2 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MDM2 antibody.



Immunofluorescence analysis of A549 cells, using MDM2 antibody.