

Mouse Monoclonal Antibody to MDM4

Catalogue Number	sAP-0201
Target Molecule	Name: MDM4 Aliases: HDMX; MDMX; MRP1; MDM4 MW: 55kDa Entrez Gene ID: 4194
Description	MDM4, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2.
Immunogen	Purified recombinant fragment of human MDM4 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM2D10F4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proc Natl Acad Sci U S A. 2002 Dec 24;99(26):16899-903. ; 2. Cell Cycle. 2004 Apr;3(4):472-8. ; 3. Biochem Biophys Res Commun. 2005 Jul 8;332(3):702-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**