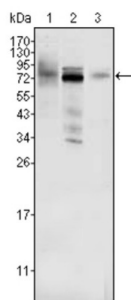
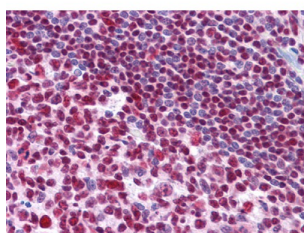


Protein Mdm4 (MDM4) Antibody

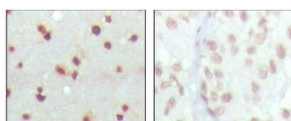
Catalogue No.: abx015925



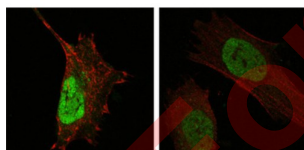
Western blot analysis using MDM4 antibody against HeLa (1), A549 (2) and A431 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cerebra (left) and lung carcinoma (right) tissues, showing nuclear localization with DAB staining using MDM4 antibody.



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using MDM4 antibody.



Confocal immunofluorescence analysis of HeLa (left) and L-02 (right) cells using MDM4 antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin.

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.

Target: Protein Mdm4 (MDM4)

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Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MDM4 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O15151 (UniProt , ExPASy)
Gene Symbol:	MDM4
GeneID:	4194
OMIM:	602704
HGNC:	6974
KEGG:	hsa:4194
Ensembl:	ENSG00000198625
String:	9606.ENSP00000356150
Molecular Weight:	55 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only