

Product datasheet for **AM06258SU-N**

MDMX (MDM4) Mouse Monoclonal Antibody [Clone ID: 2D10F4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2D10F4
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human MDM4 expressed in E. Coli.
Specificity:	Recognizes MDM4
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55 kDa
Gene Name:	MDM4, p53 regulator
Database Link:	Entrez Gene 4194 Human O15151



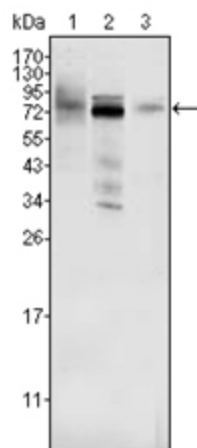
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Background:

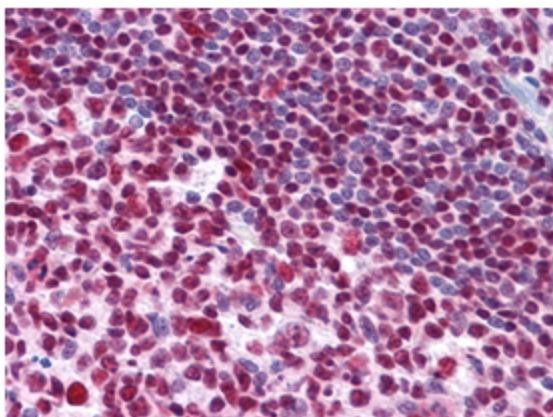
MDM4, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at 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.

Synonyms:

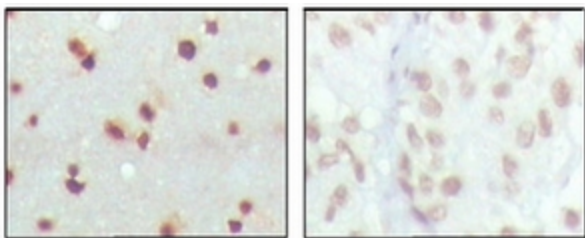
MDMX, MDM-4

Product images:

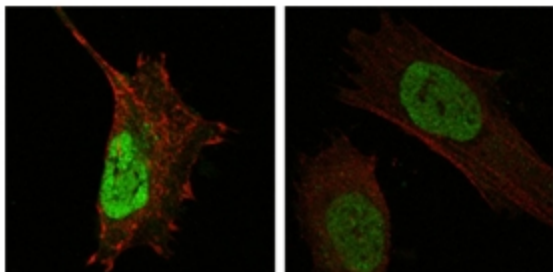
Western blot analysis using MDM4 antibody Cat.-No AM06258SU-N against HeLa (Lane 1), A549 (Lane 2) and A431 (Lane 3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using MDM4 antibody Cat.-No AM06258SU-N



Immunohistochemical analysis of paraffin-embedded human cerebra (left) and lung carcinoma (right) tissues, showing nuclear localization with DAB staining using MDM4 antibody Cat.-No AM06258SU-N



Confocal Immunofluorescence analysis of HeLa (left) and L-02 (right) cells using MDM4 antibody Cat.-No AM06258SU-N (green). Red: Actin filaments have been labeled with DY-554 phalloidin.