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Datasheet for ABIN969282

anti-MDM4-binding Protein antibody

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	MDM4-binding Protein (MDM4)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human MDM4 expressed in E. coli.
Clone:	2D10F4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	MDM4-binding Protein (MDM4)
Alternative Name:	MDM4 (MDM4 Products)
Background:	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-

Target Details

terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2.

Aliases: HDMX, MDMX, MRP1, MDM4

Molecular Weight: 55 kDa

Gene ID: 4194

HGNC: 4194

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

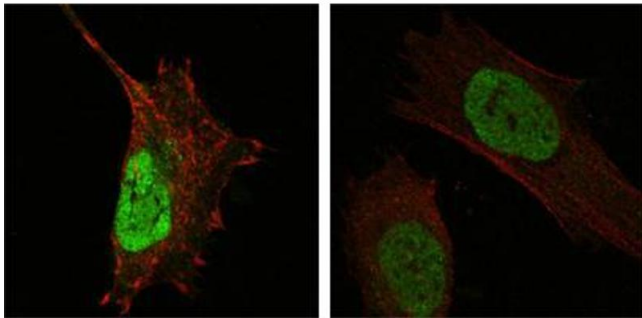
Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Golledge, Biros, Clancy, Cooper, Palmer, Norman: "A single-nucleotide polymorphism in the gene encoding osteoprotegerin is associated with diastolic blood pressure in older men." in: **American journal of hypertension**, Vol. 22, Issue 11, pp. 1167-70, (2009) ([PubMed](#)).

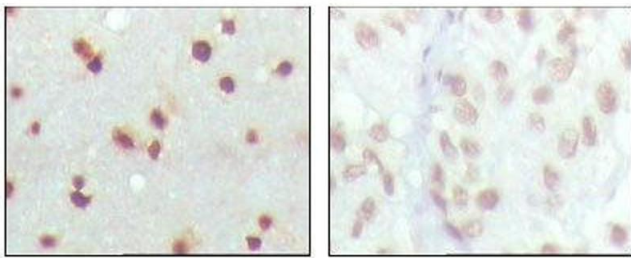
Talmud, Drenos, Shah, Shah, Palmén, Verzilli, Gaunt, Pallas, Lovering, Li, Casas, Sofat, Kumari, Rodriguez, Johnson, Newhouse, Dominiczak, Samani, Caulfield, Sever, Stanton, Shields, Padmanabhan et al.: "Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. ..." in: **American journal of human genetics**, Vol. 85, Issue 5, pp. 628-42, (2009) ([PubMed](#)).

Images



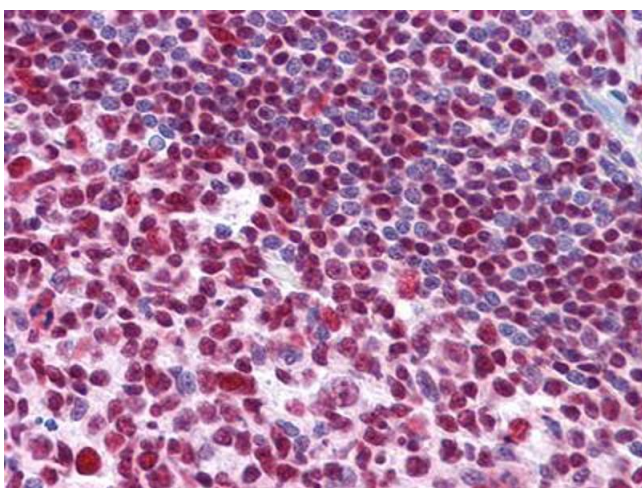
Immunofluorescence

Image 1. Confocal immunofluorescence analysis of HeLa (left) and L-02 (right) cells using MDM4 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human cerebra (left) and lung carcinoma (right) tissues, showing nuclear localization with DAB staining using MDM4 mouse mAb.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using MDM4 mouse mAb

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN969282.