

MDM2 Rabbit mAb

Catalog No.: A28987 **Recombinant**

Basic Information

Observed MW

60 kDa/90 kDa

Calculated MW

11kDa/14kDa/24kDa/30kDa/33kDa/35kDa/48kDa/49kDa/55kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC3880

Background

This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells.

Recommended Dilutions

WB 1:10000 - 1:40000

IF/ICC 1:100 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

4193

Swiss Prot

Q00987

Immunogen

This information is considered to be commercially sensitive.

Synonyms

HDMX; LSKB; hdm2; ACTFS

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3

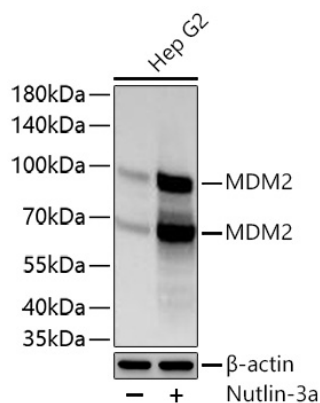
Contact

☎ | 400-999-6126

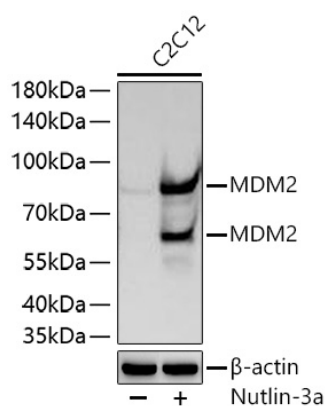
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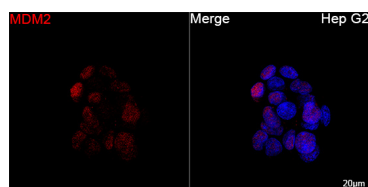
Validation Data



Western blot analysis of lysates from Hep G2 cells using MDM2 Rabbit mAb (A28987) at 1:20000 dilution incubated overnight at 4°C. Hep G2 cells were treated with Nutlin-3a (10 μ M) at 37°C for 24 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 s.



Western blot analysis of lysates from C2C12 cells using MDM2 Rabbit mAb (A28987) at 1:20000 dilution incubated overnight at 4°C. C2C12 cells were treated with Nutlin-3a (10 μ M) at 37°C for 24 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 s.



Confocal imaging of Hep G2 cells using MDM2 Rabbit mAb (A28987, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.