

MDM2 Rabbit mAb

Catalog No.: A23388

Recombinant

1 Publications

Basic Information

Observed MW

90 kDa (MDM2-FL)/60 kDa (MDM2-A)

Calculated MW

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

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

CloneNo number

ARC60296

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 1:2000 - 1:10000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4193

Swiss Prot

Q00987

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HDMX; LSKB; hdm2; ACTFS; MDM2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

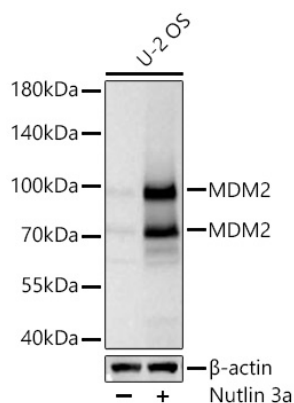
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from U-2 OS cells using MDM2 Rabbit mAb (A23388) at 1:5000 dilution incubated at room temperature for 1.5 hours. U-2 OS cells were treated with Nutlin 3a (10 μ M) at 37°C for 24 hrs
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.