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MDM2 Rabbit mAb

Catalog No.: A23388 Recombinant 2 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

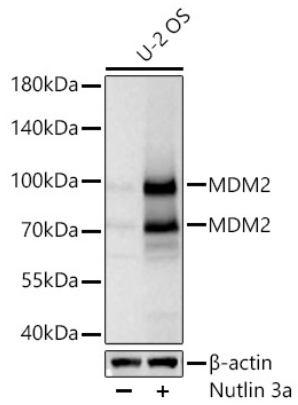
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. 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 μM) at 37℃ for 24 hrs
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.