

## MDM2 antibody [SMP14]

Cat. No. GTX70278

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-P, IHC-Fr, IP, IHC (Resin sections)
Reactivity	Human, Mouse

References ( 1 )

Package

50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1/200-1/500
IHC-Fr	Assay dependent
IP	Assay dependent
IHC (Resin sections)	Assay dependent

**Note :** This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. EDTA pH8.0 is recommended for this purpose.

Not tested in other applications.

**Calculated MW** 55 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide, CSRPTSSRRRAISE, corresponding to amino acids 154-167 of human MDM2
Purification	Protein G purified
Conjugation	Unconjugated



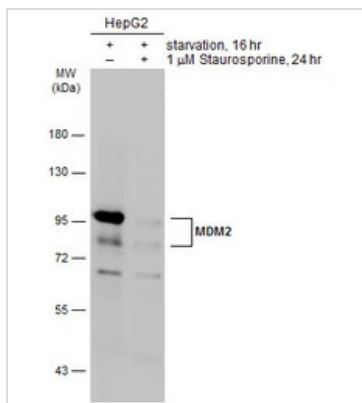
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## Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

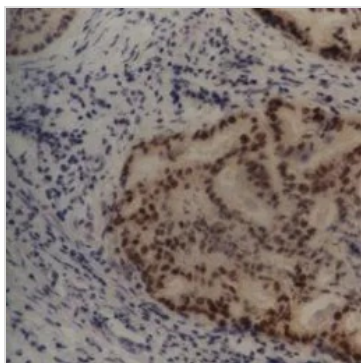


### GTx70278 WB Image

Untreated (–) and treated (+) HepG2 whole cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MDM2 antibody (GTx70278) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

Multiple bands were observed 60 ~ 97 kDa. It is possibly due to alternative splicing.

Reference: [PMID: 9840926](https://pubmed.ncbi.nlm.nih.gov/9840926/)



### GTx70278 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTx70278 MDM2 antibody [SMP14].



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