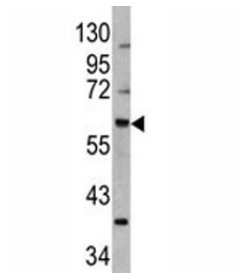
MDM2 Antibody (F42269)

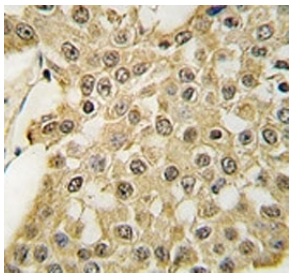
Catalog No.	Formulation	Size
F42269-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42269-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

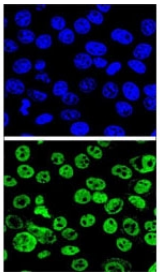
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q00987
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This MDM2 antibody is available for research use only.



Western blot analysis of MDM2 antibody and 293 lysate. Predicted molecular weight: ~55 kDa but can be observed at up to ~90 kDa.



IHC analysis of FFPE human breast carcinoma tissue stained with the MDM2 antibody



Confocal immunofluorescent analysis of MDM2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).

Description

MDM2 is a target of the transcription factor tumor protein p53. This protein is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53, as part of an autoregulatory negative feedback loop. Overexpression of MDM2 can result in excessive inactivation of tumor protein p53, diminishing its tumor suppressor function. This protein has E3 ubiquitin ligase activity, which targets tumor protein p53 for proteasomal degradation. This protein also affects the cell cycle,apoptosis, and tumorigenesis through interactions with other proteins, including retinoblastoma 1 and ribosomal protein L5.

Application Notes

Titration of the MDM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 141-176 from the human protein was used as the immunogen for this MDM2 antibody.

Storage

Aliquot the MDM2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.