

Product Datasheet

MDMX Antibody - BSA Free

NB100-556

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 33

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-556

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-556



NB100-556

MDMX Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

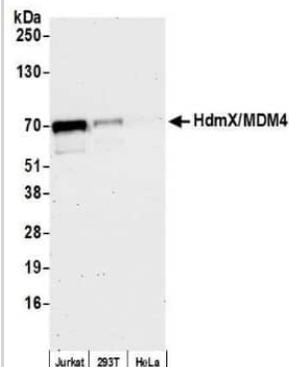
Product Description	
Description	Novus Biologicals Rabbit MDMX Antibody - BSA Free (NB100-556) is a polyclonal antibody validated for use in WB and IP. Anti-MDMX Antibody: Cited in 33 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4194
Gene Symbol	MDM4
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 125 and 175 of human ortholog of mouse double minute 4 using the numbering given in Swiss-Prot entry O15151 (GeneID 4194).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunoprecipitation 2 -10 ug/mg lysate

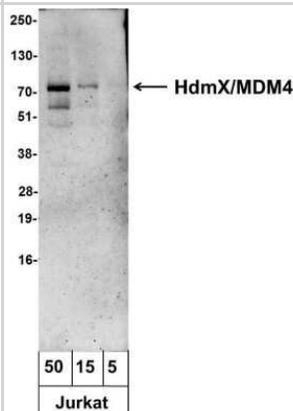


Images

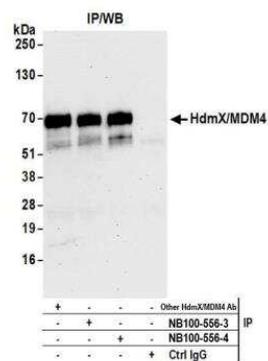
Western Blot: MDMX Antibody [NB100-556] - Detection of human HdmX/MDM4 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, HEK293T, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HdmX/MDM4 antibody NB100-556 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Western Blot: MDMX Antibody [NB100-556] - Analysis using the Biotin conjugate of NB100-556. Detection of Jurkat (50, 15, and 5 ug). Antibody used at 1.0 ug/ml. Detection: Streptavidin-HRP and chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: MDMX Antibody [NB100-556] - Detection of human HdmX/MDM4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HdmX/MDM4 antibody NB100-556 (lot NB100-556-4) used for IP at 6 ug per reaction. HdmX/MDM4 was also immunoprecipitated by a previous lot of this antibody (lot NB100-556-3) and another rabbit anti-HdmX/MDM4 antibody. For blotting immunoprecipitated HdmX/MDM4, NB100-556 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Morales-Martínez, M;Andón-García, D;Patiño-Santiago, KA;Parga-Ortega, JM;Hernández-Hernández, A;Aquino-Jarquín, G;Patino-Lopez, G; Identification of potential new T cell activation molecules: a Bioinformatic Approach Scientific reports 2024-09-27 [PMID: 39333573]

McEvoy J, Ulyanov A, Brennan R et al. Analysis of MDM2 and MDM4 single nucleotide polymorphisms, mRNA splicing and protein expression in retinoblastoma. PLoS One 2012-01-01 [PMID: 22916154]

Mandke P, Wyatt N, Fraser J et al. MicroRNA-34a modulates MDM4 expression via a target site in the open reading frame. PLoS One 2012-01-01 [PMID: 22870278]

Leventaki V, Rodic V, Tripp SR et al. TP53 pathway analysis in paediatric Burkitt lymphoma reveals increased MDM4 expression as the only TP53 pathway abnormality detected in a subset of cases. Br J Haematol 2012-09-01 [PMID: 22845047]

Henze J, Muhlenberg T, Simon S et al. p53 modulation as a therapeutic strategy in gastrointestinal stromal tumors. PLoS One 2012-01-01 [PMID: 22662219]

Lee JH, Jin Y, He G et al. Hypoxia activates tumor suppressor p53 by inducing ATR-Chk1 kinase cascade-mediated phosphorylation and consequent 14-3-3gamma inactivation of MDMX protein. J Biol Chem 2012-06-01 [PMID: 22556425]

Biderman L, Poyurovsky MV, Assia Y et al. MdmX is required for p53 interaction with and full induction of the Mdm2 promoter after cellular stress. Mol Cell Biol 2012-04-01 [PMID: 22290440]

Wang X, Wang J, Jiang X et al. MdmX protein is essential for Mdm2 protein-mediated p53 polyubiquitination. J Biol Chem 2011-07-01 [PMID: 21572037]

Li D, Marchenko ND, Schulz R et al. Functional inactivation of endogenous MDM2 and CHIP by HSP90 causes aberrant stabilization of mutant p53 in human cancer cells. Mol Cancer Res 2011-05-01 [PMID: 21478269]

Anderson VE, Walton MI, Eve PD et al. CCT241533 is a potent and selective inhibitor of CHK2 that potentiates the cytotoxicity of PARP inhibitors. Cancer Res 2011-01-01 [PMID: 21239475]

Lee JH, Lu H. 14-3-3Gamma inhibition of MDMX-mediated p21 turnover independent of p53. J Biol Chem 2011-02-01 [PMID: 21148311]

Pishas KI, Al-Ejeh F, Zinonos I et al. Nutlin-3a is a potential therapeutic for ewing sarcoma. Clin Cancer Res 2011-02-01 [PMID: 21098696]

More publications at <http://www.novusbio.com/NB100-556>



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-556

NBL1-08754	CC2D1A Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-556

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

