

Product Datasheet

MCM2 Antibody (6A8) - Azide and BSA Free H00004171-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 6

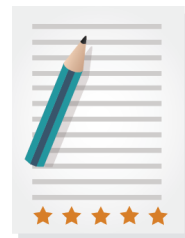
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00004171-M01

Updated 2/21/2025 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/H00004171-M01



H00004171-M01

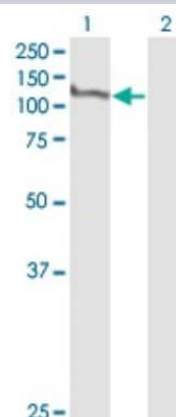
MCM2 Antibody (6A8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4171
Gene Symbol	MCM2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27976684).
Specificity/Sensitivity	MCM2 - MCM2 minichromosome maintenance deficient 2, mitotin (S. cerevisiae)
Immunogen	MCM2 (AAH07670, 805 a.a. ~ 904 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TQKFSVMRSMRKTFARYLSFRRDNNELLLFILKQLVAEQVTYQRNRFGAQQDTI EVPEKDLVDKARQINIHNLSAFYDSELFMRNKFSDHLKRKMILQQF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

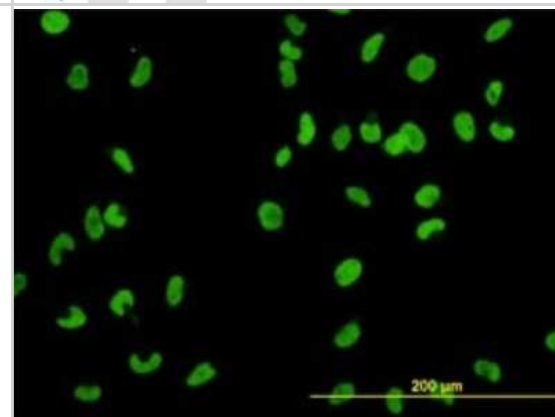


Images

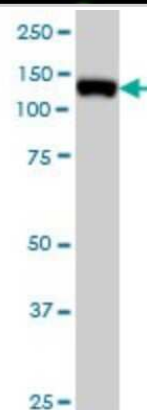
Western Blot: MCM2 Antibody (6A8) [H00004171-M01] - Analysis of MCM2 expression in transfected 293T cell line by MCM2 monoclonal antibody (M01), clone 6A8. Lane 1: MCM2 transfected lysate(101.9 KDa). Lane 2: Non-transfected lysate.



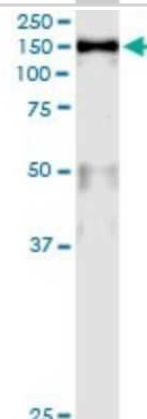
Immunocytochemistry/Immunofluorescence: MCM2 Antibody (6A8) [H00004171-M01] - Analysis of monoclonal antibody to MCM2 on HeLa cell. Antibody concentration 10 ug/ml.



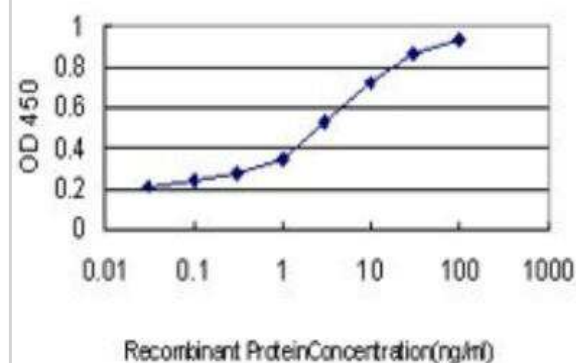
Western Blot: MCM2 Antibody (6A8) [H00004171-M01] - MCM2 monoclonal antibody (M01), clone 6A8 Analysis of MCM2 expression in Hela S3 NE.



Immunoprecipitation: MCM2 Antibody (6A8) [H00004171-M01] - Analysis of MCM2 transfected lysate using anti-MCM2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MCM2 MaxPab rabbit polyclonal antibody.



ELISA: MCM2 Antibody (6A8) [H00004171-M01] - Detection limit for recombinant GST tagged MCM2 is approximately 0.1ng/ml as a capture antibody.



Publications

Changsheng Zhang, Shengyang Du, Lei Cao Retracted Article: Long non-coding RNA KCNQ1OT1 promotes osteosarcoma progression by increasing β -catenin activity RSC Advances 2018-11-08 [PMID: 35558611]

Ochs, F, Karemore, G Et al. Stabilization of chromatin topology safeguards genome integrity. Nature 2019-10-01 [PMID: 31645724]

Polasek-Sedlackova H, Miller TCR, Krejci J et al. Solving the MCM paradox by visualizing the scaffold of CMG helicase at active replisomes Nature communications 2022-10-14 [PMID: 36241664] (ICC/IF, Human)

Zonderland G, Vanzo R, Amitash S et al. The TRESLIN-MTBP complex couples completion of DNA replication with S/G2 transition Molecular cell 2022-08-23 [PMID: 36049481] (ICC/IF)

S Pedersen R, Karemore G, Gudjonsson T et al. Profiling DNA damage response following mitotic perturbations. Nat Commun. 2016-12-15 [PMID: 27976684] (WB, Mouse)

Ivanov SV, Goparaju CM, Lopez P et al. Pro-tumorigenic effects of miR-31 loss in mesothelioma. J Biol Chem 2010-07-23 [PMID: 20463022] (WB, Human)

**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 H00004171-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-33954PEP	MCM2 Recombinant Protein Antigen

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/H00004171-M01

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

