

Product Datasheet

MCM7 Antibody (6C2) - Azide and BSA Free H00004176-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/H00004176-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/H00004176-M01



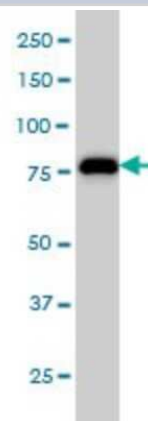
H00004176-M01

MCM7 Antibody (6C2) - Azide and BSA Free

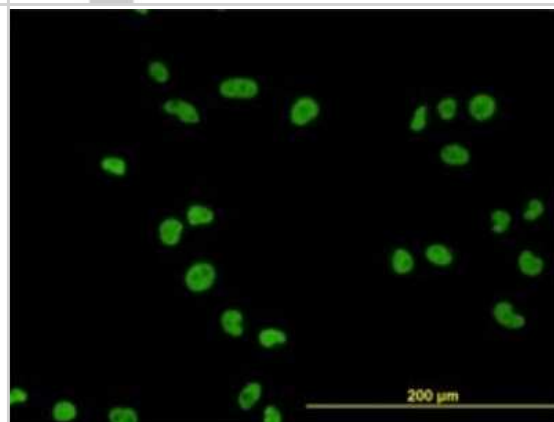
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6C2
Preservative	No Preservative
Isotype	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	4176
Gene Symbol	MCM7
Species	Human
Specificity/Sensitivity	MCM7 - MCM7 minichromosome maintenance deficient 7 (<i>S. cerevisiae</i>)
Immunogen	MCM7 (AAH09398, 1 a.a. ~ 389 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MALKDYALEKEKVKKFLQEFYQDDELGKKQFKYGNQLVRLAHREQVALYVDLD DVAEDDPELVDSICENARRYAKLFADAVQELLPQYKEREVVNKDVLVDVYIEHRL MMEQRSRDPGMVRSPQNQYPAELMRRFELYFQGPSSSKPRVIREVRADSVG KLVTVRGIVTRVSEVKPKMVVATYTCDCGAETYQPIQSPTFMPLIMCPSQEC QTNRSGGRLYLQTRGSRFIKQEMKMQEHSDQVPVGNIPRSITVLVEGENTRIA QPGDHVSVTGIFLPILRTGFRQVVQGLLSETYLEAHRIVKMNKSEDDDESGAGEL TREELRQIADVIFATVRELVSGGRSVRFSEAEQRCVSRGFTPAQFQAALDEYE ELNVWQVNASRTRITFV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Proximity Ligation Assay
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

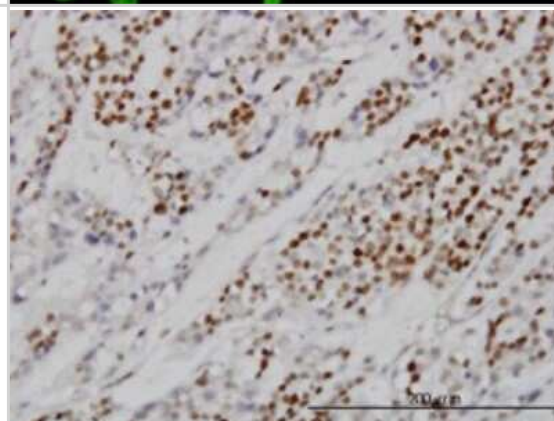
Western Blot: MCM7 Antibody (6C2) [H00004176-M01] - MCM7 monoclonal antibody (M01), clone 6C2 Analysis of MCM7 expression in HeLa S3 NE.



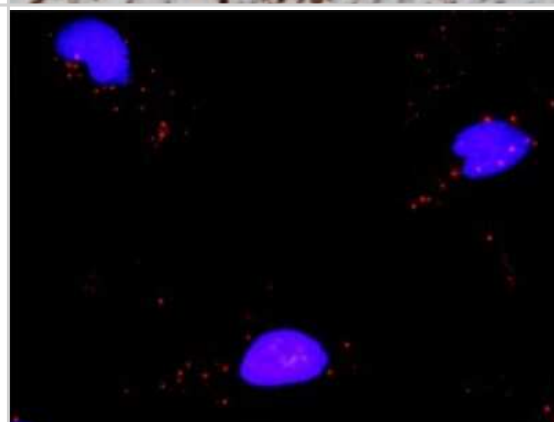
Immunocytochemistry/Immunofluorescence: MCM7 Antibody (6C2) [H00004176-M01] - Analysis of monoclonal antibody to MCM7 on HeLa cell. Antibody concentration 10 ug/ml.



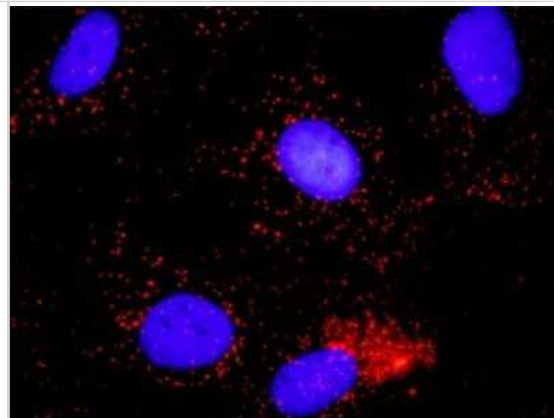
Immunohistochemistry-Paraffin: MCM7 Antibody (6C2) [H00004176-M01] - Analysis of monoclonal antibody to MCM7 on formalin-fixed paraffin-embedded human ovary, clear cell carcinoma. Antibody concentration 3 ug/ml.



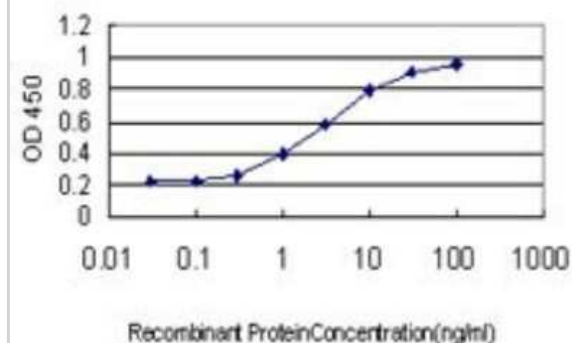
Proximity Ligation Assay: MCM7 Antibody (6C2) [H00004176-M01] - Analysis of protein-protein interactions between CDK7 and MCM7. HeLa cells were stained with anti-CDK7 rabbit purified polyclonal 1:1200 and anti-MCM7 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay: MCM7 Antibody (6C2) [H00004176-M01] - Analysis of protein-protein interactions between CDC6 and MCM7. Huh7 cells were stained with anti-CDC6 rabbit purified polyclonal 1:600 and anti-MCM7 mouse monoclonal antibody 1:100. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: MCM7 Antibody (6C2) [H00004176-M01] - Detection limit for recombinant GST tagged MCM7 is approximately 0.1ng/ml as a capture antibody.



Publications

Shigehara K, Sasagawa T, Kawaguchi S et al. Etiologic role of human papillomavirus infection in bladder carcinoma. *Cancer*. 2011-06-14 [PMID: 21523718]

Sakamoto J, Shigehara K, Nakashima K et al. Etiological Role of Human Papillomavirus Infection in the Development of Penile Cancer. *Int J Infect Dis*. 2018-11-10 [PMID: 30423461]

Lau KM, Chan QK, Pang JC et al. Minichromosome maintenance proteins 2, 3 and 7 in medulloblastoma: overexpression and involvement in regulation of cell migration and invasion. *Oncogene*. 2010-07-26 [PMID: 20661220]

Shigehara K, Sasagawa T, Kawaguchi S et al. Etiologic role of human papillomavirus infection in bladder carcinoma. *Cancer*. 2010-11-29 [PMID: 21117224]

Shigehara K, Sasagawa T, Doorbar J et al. Etiological role of human papillomavirus infection for inverted papilloma of the bladder. *J Med Virol*. 2011-02-01 [PMID: 21181923]

Kohler CU, Kreuter A, Rozykowski MC et al. Validation of different replication markers for the detection of beta-cell proliferation in human pancreatic tissue. *Regul Pept*. 2010-01-14 [PMID: 20079379]



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 H00004176-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)
NBP2-51540-0.1mg	Recombinant Human MCM7 His Protein

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/H00004176-M01

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

