

Product Datasheet

MCM3 Antibody - BSA Free

NB100-289

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-289

MCM3 Antibody - BSA Free

| Product Information | |
|---------------------|---------------------------------------|
| Unit Size | 100 ul |
| 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 MCM3 Antibody - BSA Free (NB100-289) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-MCM3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 4172 |
| Gene Symbol | MCM3 |
| Species | Human, Mouse |
| Immunogen | A 38-amino acid synthetic peptide, which represented a portion of human Minichromosome Maintenance Deficient 3 encoded in part by exons 10 and 11 (LocusLink ID 4172). |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000 to 1:5000, Immunoprecipitation 2-5 ug//mg lysate, Immunohistochemistry-Paraffin 1:1000 to 1:5000 |
| Application Notes | Western blot and immunoprecipitation. Suggested working dilutions: Western Blot - 1: 2,000-1:10,000 Immunohistochemistry/Immunocytochemistry - ND Immunoprecipitation - 2 to 5 ug/mg lysate** *The investigator should determine the optimal working dilution for a specific application. **Use NB 100-288 (MCM2 antibody) to IP the MCM complex |

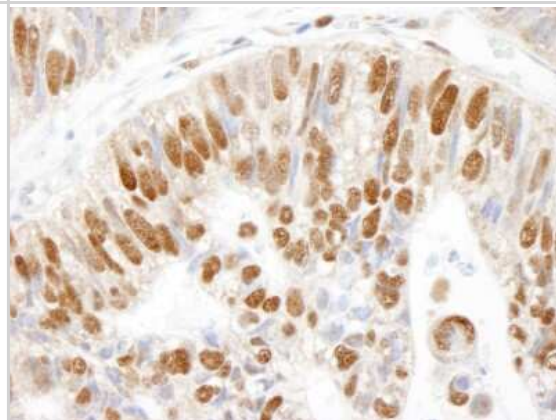


Images

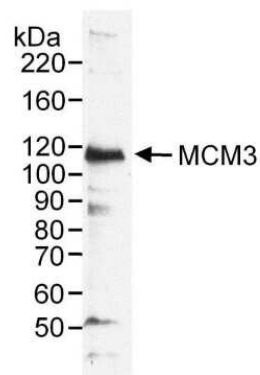
Western Blot: MCM3 Antibody [NB100-289] - Detection of Human MCM3 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MCM3 antibody NB100-289 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



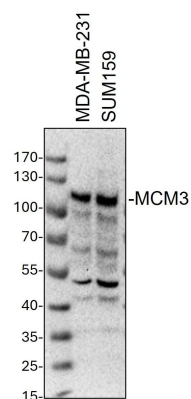
Immunohistochemistry: MCM3 Antibody [NB100-289] - Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-MCM3 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Western Blot: MCM3 Antibody [NB100-289] - RIPA extract (50 ug) from HeLa cells. Antibody used at 0.2 ug/ml.



Western Blot: Rabbit Polyclonal MCM3 Antibody [NB100-289] - Whole cell lysates from MDA-MB-231 and SUM159 cells were loaded with 50 ug/lane. 10% SDS-PAGE. MCM3 Antibody (NB100-289) was used for primary antibody: 1:1000, 4h, overnight. Image from a verified customer review.



Publications

Liu Y, Vaithiyalingam S, Shi Q et al. BID binds to replication protein A and stimulates ATR function following replicative stress. *Mol Cell Biol* 2011-11-01 [PMID: 21859891]

Kim JM, Kee Y, Gurtan A et al. Cell cycle-dependent chromatin loading of the Fanconi anemia core complex by FANCM/FAAP24. *Blood* 2008-05-01 [PMID: 18174376]

Hubbi ME, Luo W, Baek JH et al. MCM proteins are negative regulators of hypoxia-inducible factor 1 *Mol Cell* 2011-06-10 [PMID: 21658608]





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 NB100-289

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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

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