

Product Datasheet

MCM6 Antibody - BSA Free

NBP1-82642

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-82642

MCM6 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

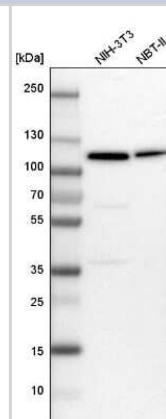
Product Description	
Description	Novus Biologicals Rabbit MCM6 Antibody - BSA Free (NBP1-82642) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and ChIP. Anti-MCM6 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4175
Gene Symbol	MCM6
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VILRAEAVESAQAGDKCDFTGTLIVVPDVSKLSTPGARAETNSRVSGVDGYETE GIRGLRALGVRDLSYRLVFLACCVAPTNPFRGGKELRDEEQTAESIKNQMTVK EWEKVFEMSQDKNLYHNLCTSLFPTIHGNDEVKRGV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation Sequencing, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation Sequencing 1-10µg per reaction, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

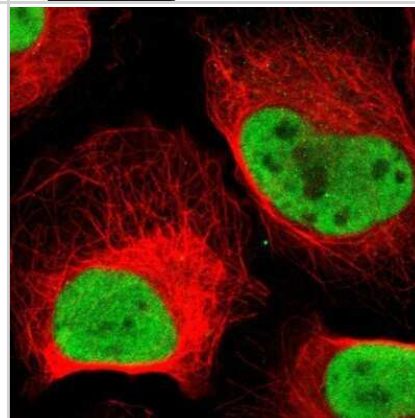


Images

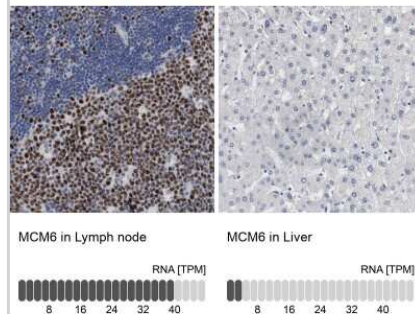
Western Blot: MCM6 Antibody [NBP1-82642] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



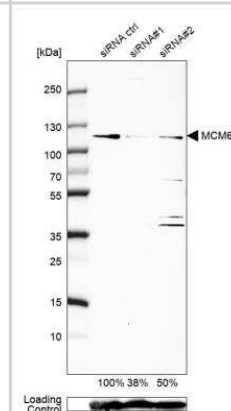
Immunocytochemistry/Immunofluorescence: MCM6 Antibody [NBP1-82642] - Staining of human cell line U-2 OS shows positivity in nuclei but not nucleoli. Antibody staining is shown in green.



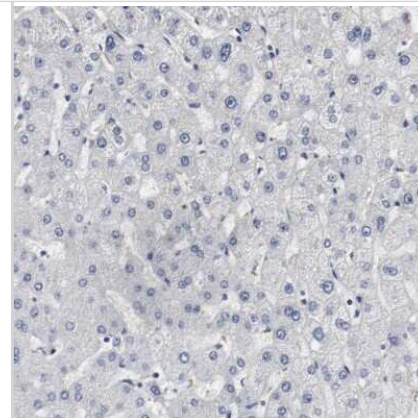
Immunohistochemistry-Paraffin: MCM6 Antibody [NBP1-82642] - Staining in human lymph node and liver tissues using anti-MCM6 antibody. Corresponding MCM6 RNA-seq data are presented for the same tissues.



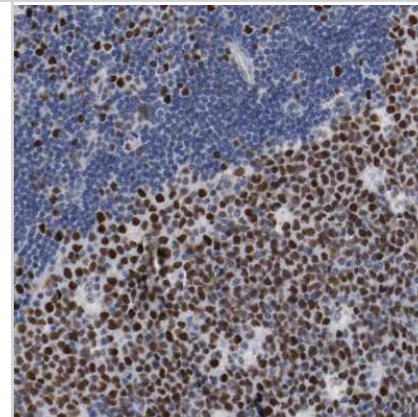
Western Blot: MCM6 Antibody [NBP1-82642] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MCM6 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



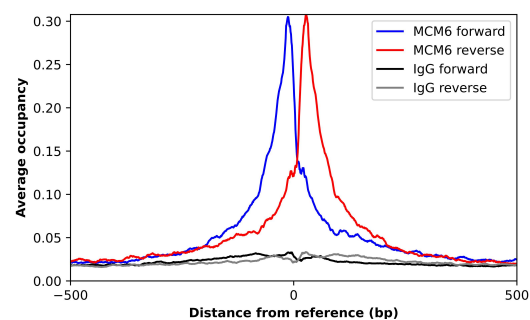
Immunohistochemistry-Paraffin: MCM6 Antibody [NBP1-82642] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: MCM6 Antibody [NBP1-82642] - Staining of human lymph node shows high expression.



ChIP-Exo-Seq composite graph for Anti-MCM6 (NBP1-82642) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Panneerselvam J, Pickering A, Han B et al. Basal level of FANCD2 monoubiquitination is required for the maintenance of a sufficient number of licensed-replication origins to fire at a normal rate. *Oncotarget* 2014-07-15 [PMID: 24658369] (WB, Human)

Details:

MCM6 antibody used for WB on several experiments involving CRL-1790 and HEK293T cells.

Kadara H, Behrens C, Yuan P et al. A five-gene and corresponding protein signature for stage-I lung adenocarcinoma prognosis *Clin Cancer Res* 2011-03-15 [PMID: 21163870] (IF/IHC, Human)



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Products Related to NBP1-82642

NBP1-82642PEP	MCM6 Recombinant Protein Antigen
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.

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