

# 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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**NBP1-82642**

MCM6 Antibody - BSA Free

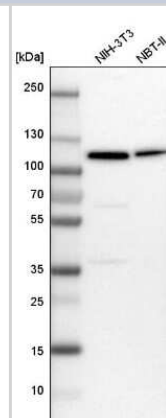
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	4175
Gene Symbol	MCM6
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VILRAEAVESAQAGDKCDFGTGLIVVPDVSKLSTPGARAETNSRVSGVDGYETE GIRGLRALGVRDLSYRLVFLACCVAPTNPFRGGKELRDEEQTAESIKNQMTVK EWEKVFEMSQDKNLYHNLCTSLFPTIHGNDEVKRGV

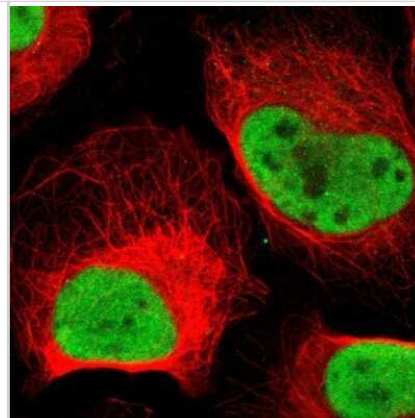
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	WB reported in scientific literature (PMID: 24658369). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

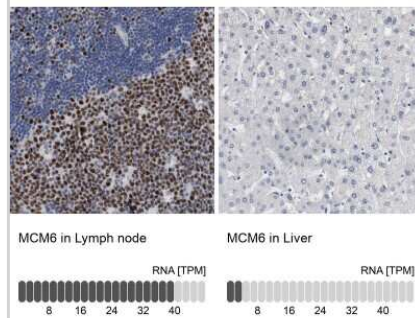
Western Blot: MCM6 Antibody [NBP1-82642] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



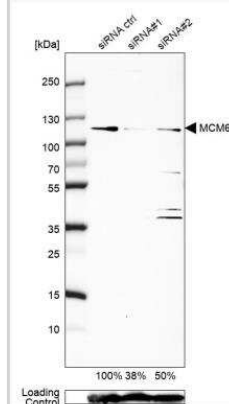
Immunocytochemistry/Immunofluorescence: MCM6 Antibody [NBP1-82642] - Staining of human cell line U-2 OS shows positivity in nuclei but not nucleoli. Antibody staining is shown in green.



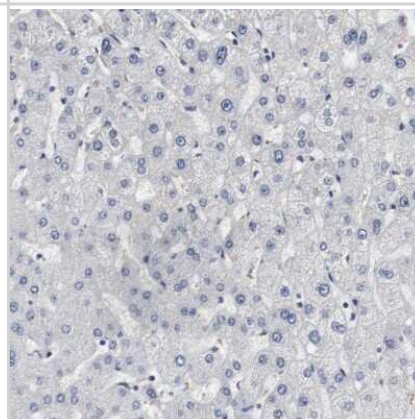
Immunohistochemistry-Paraffin: MCM6 Antibody [NBP1-82642] - Staining in human lymph node and liver tissues using anti-MCM6 antibody. Corresponding MCM6 RNA-seq data are presented for the same tissues.



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.



## 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**

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NBP1-82642PEP	MCM6 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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