

# Product Datasheet

## MCM4 Antibody - BSA Free

### NBP1-33105

Unit Size: 100 ul

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

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**NBP1-33105**

MCM4 Antibody - BSA Free

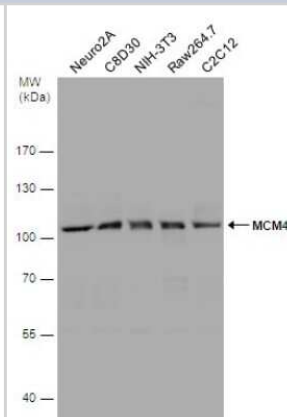
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 10% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit MCM4 Antibody - BSA Free (NBP1-33105) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4173
<b>Gene Symbol</b>	MCM4
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human MCM4. The exact sequence is proprietary.

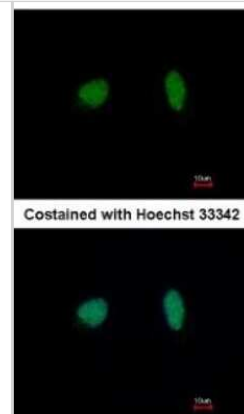
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500-1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP)

**Images**

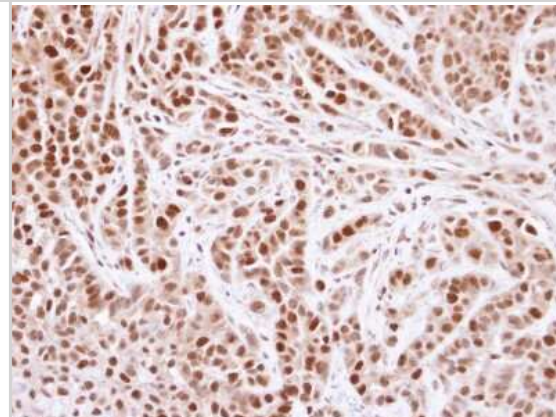
Western Blot: MCM4 Antibody [NBP1-33105] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MCM4 antibody diluted at 1:1000.



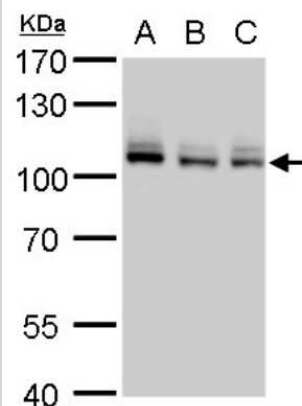
Immunocytochemistry/Immunofluorescence: MCM4 Antibody [NBP1-33105] - Paraformaldehyde-fixed HeLa, using antibody at 1:500 dilution.



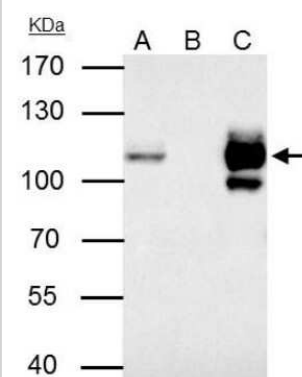
Immunohistochemistry-Paraffin: MCM4 Antibody [NBP1-33105] - Paraffin-embedded A549 Xenograft, using antibody at 1:100 dilution.



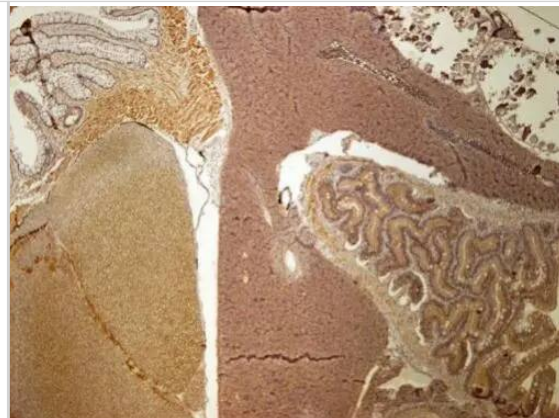
Western Blot: MCM4 Antibody [NBP1-33105] - MCM4 antibody detects MCM4 protein by Western blot analysis. A. 30 ug Jurkat whole cell lysate/extract. B. 30 ug Raji whole cell lysate/extract. C. 30 ug NCI-H929 whole cell lysate/extract. 7.5 % SDS-PAGE. MCM4 antibody dilution: 1:5000.



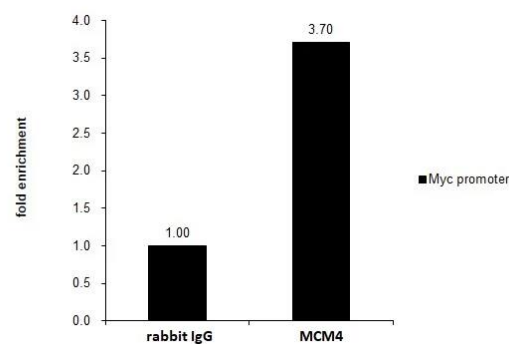
Immunoprecipitation: MCM4 Antibody [NBP1-33105] - MCM4 antibody immunoprecipitates MCM4 protein in IP experiments. IP samples: Jurkat whole cell extract. A. 40 ug Jurkat whole cell extract. B. Control with 4 ug of preimmune Rabbit IgG. C. Immunoprecipitation of MCM4 protein by 4 ug MCM4 antibody. 7.5 % SDS-PAGE. The immunoprecipitated MCM4 protein was detected by MCM4 antibody diluted at 1:500.



Immunohistochemistry: MCM4 Antibody [NBP1-33105] - Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using MCM4 antibody (NBP1-33105) at 1:300 dilution.



Chromatin Immunoprecipitation (ChIP): MCM4 Antibody [NBP1-33105] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-MCM4 antibody. The precipitated DNA was detected by PCR with primer set targeting to Myc promoter.

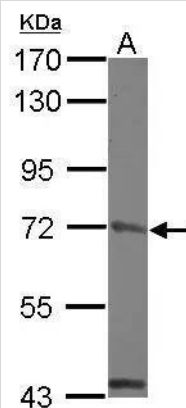


Western Blot: MCM4 Antibody [NBP1-33105] - Sample (30 ug of whole cell lysate)

A: zebrafish eye

7.5% SDS PAGE

NBP1-33105 diluted at 1:1000





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### **Products Related to NBP1-33105**

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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

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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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