

# Product Datasheet

## MCM5 Antibody (4P1Q5)

**NBP3-16529-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16529-100ul**

MCM5 Antibody (4P1Q5)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4P1Q5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	82 kDa

**Product Description**

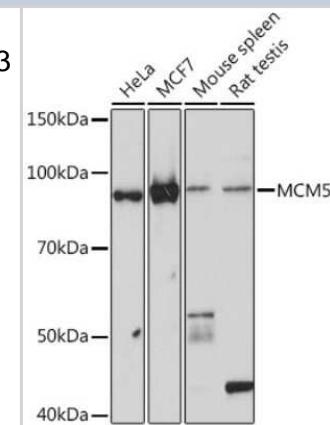
<b>Host</b>	Rabbit
<b>Gene ID</b>	4174
<b>Gene Symbol</b>	MCM5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 635-734 of human MCM5 (P33992). ADVEEALRLFQVSTLDAALSGTLSGVEGFTSQEDQEMLSRIEKQLKRRFAIGSQVSEHSIIKDFTKQKYPEHAIHKVLQLMLRRGEIQHRMQRKVLYRLK

**Product Application Details**

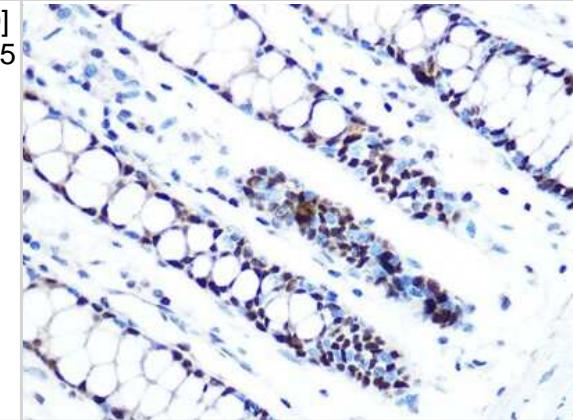
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin

## Images

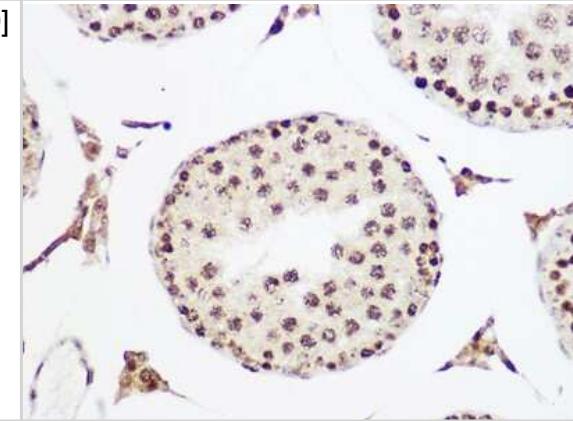
Western Blot: MCM5 Antibody (4P1Q5) [NBP3-16529] - Western blot analysis of extracts of various cell lines, using MCM5 Rabbit mAb (NBP3-16529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



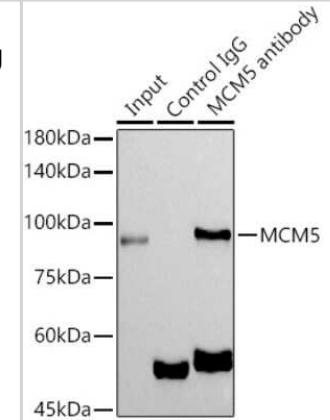
Immunohistochemistry-Paraffin: MCM5 Antibody (4P1Q5) [NBP3-16529] - Immunohistochemistry of paraffin-embedded human colon using MCM5 Rabbit mAb (NBP3-16529) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: MCM5 Antibody (4P1Q5) [NBP3-16529] - Immunohistochemistry of paraffin-embedded rat testis using MCM5 Rabbit mAb (NBP3-16529) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation: MCM5 Antibody (4P1Q5) [NBP3-16529] - Immunoprecipitation analysis of 300ug extracts of MCF7 cells using 3ug MCM5 antibody (NBP3-16529). Western blot was performed from the immunoprecipitate using MCM5 antibody (NBP3-16529) at a dilution of 1:1000.





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## Products Related to NBP3-16529-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85722PEP	MCM5 Recombinant Protein Antigen

## 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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