

# Product Datasheet

## MCM5 Antibody (JB31-34) NBP2-75570

Unit Size: 100 ul

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

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**NBP2-75570**

MCM5 Antibody (JB31-34)

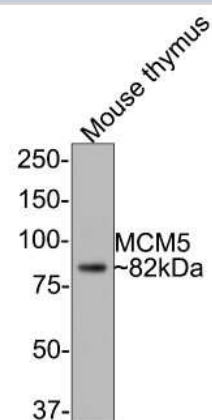
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB31-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	82 kDa

Product Description	
Host	Rabbit
Gene Symbol	MCM5
Species	Human, Mouse
Immunogen	Recombinant protein within Human MCM5 aa 620-734 / 734. (SwissProt: P33992 Human; SwissProt: P49718 Mouse)

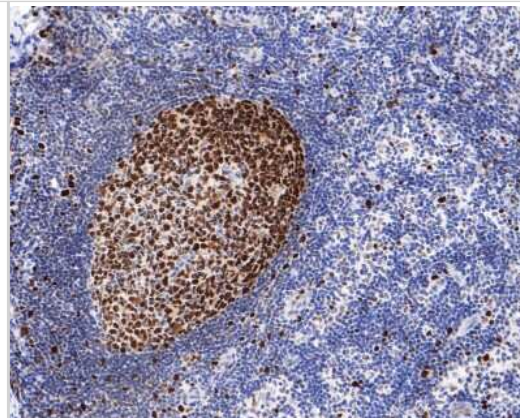
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:400

**Images**

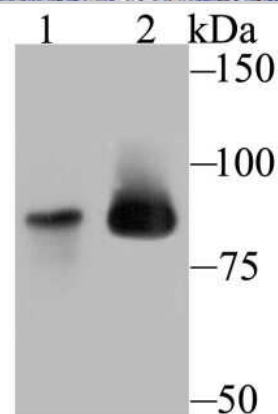
Western Blot: MCM5 Antibody (JB31-34) [NBP2-75570] - Analysis of MCM5 on mouse testis tissue lysates with Rabbit anti-MCM5 antibody at 1/500 dilution. Lysates/proteins at 20 ug/Lane. Predicted band size: 82 kDa Observed band size: 82 kDa Exposure time: 1 minute; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



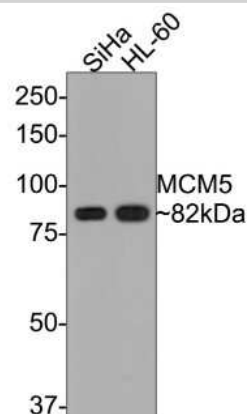
**Immunohistochemistry-Paraffin: MCM5 Antibody (JB31-34) [NBP2-75570]** - Analysis of paraffin-embedded human lymph nodes tissue with Rabbit anti-MCM5 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



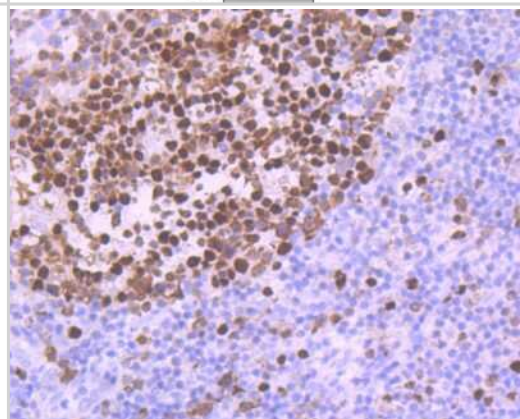
**Western Blot: MCM5 Antibody (JB31-34) [NBP2-75570]** - Analysis of MCM5 on different lysates using anti-MCM5 antibody at 1/500 dilution. Positive control: Lane 1: Mouse thymus tissue Lane 2: SiHa



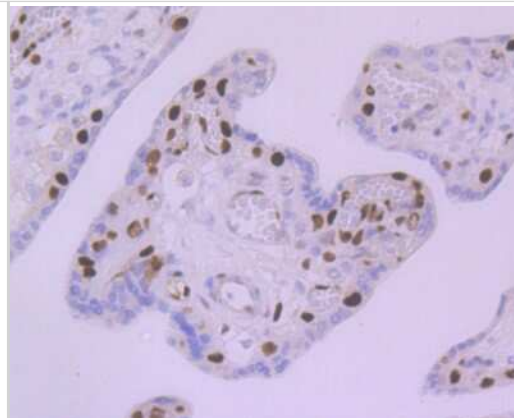
**Western Blot: MCM5 Antibody (JB31-34) [NBP2-75570]** - Analysis of MCM5 on different lysates with Rabbit anti-MCM5 antibody at 1/500 dilution. Lane 1: SiHa cell lysate Lane 2: HL-60 cell lysate  
Lysates/proteins at 10 ug/Lane. Predicted band size: 82 kDa Observed band size: 82 kDa Exposure time: 30 seconds; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



**Immunohistochemistry-Paraffin: MCM5 Antibody (JB31-34) [NBP2-75570]** - Analysis of paraffin-embedded human tonsil tissue using anti-MCM5 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MCM5 Antibody (JB31-34) [NBP2-75570] - Analysis of paraffin-embedded human placenta tissue using anti-MCM5 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MCM5 Antibody (JB31-34) [NBP2-75570] - Analysis of paraffin-embedded mouse testis tissue using anti-MCM5 antibody. Counter stained with hematoxylin.





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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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