

# Product Datasheet

## Spermine synthase Antibody (OT13C9) NBP2-00900

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-00900****Spermine synthase Antibody (OTI3C9)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.92 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3C9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	41.1 kDa

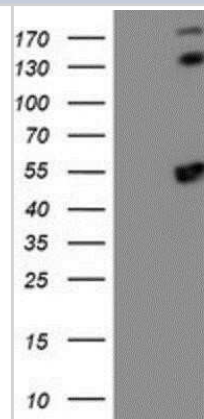
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Spermine synthase Antibody (OTI3C9) (NBP2-00900) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6611
<b>Gene Symbol</b>	SMS
<b>Species</b>	Human, Mouse, Rat, Canine, Primate, Monkey
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human SMS(NP_004586) produced in HEK293T cell.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

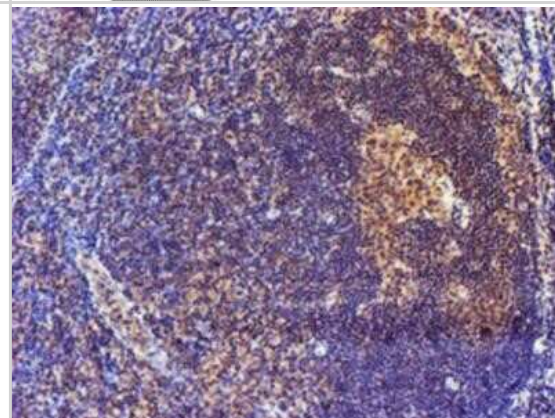


## Images

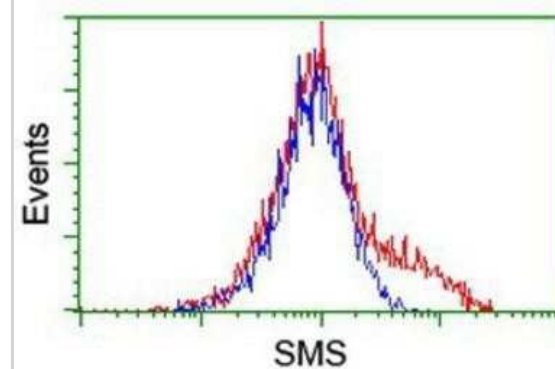
Western Blot: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Spermine synthase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Spermine synthase.



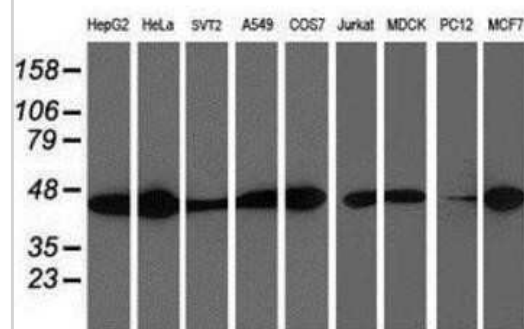
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Human tonsil using anti-Spermine synthase mouse monoclonal antibody.



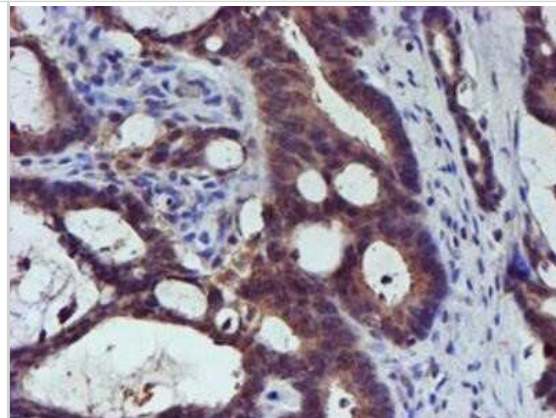
Flow Cytometry: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Spermine synthase antibody, and then analyzed by flow cytometry.



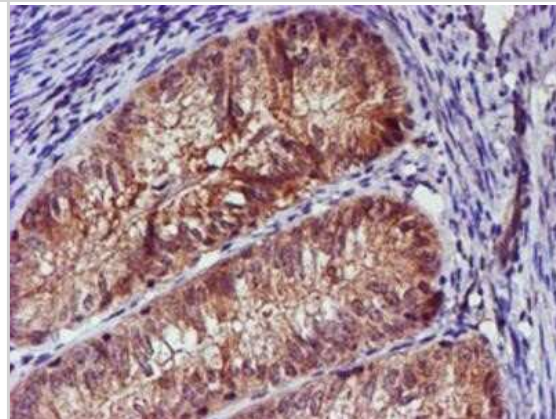
Western Blot: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Spermine synthase monoclonal antibody.



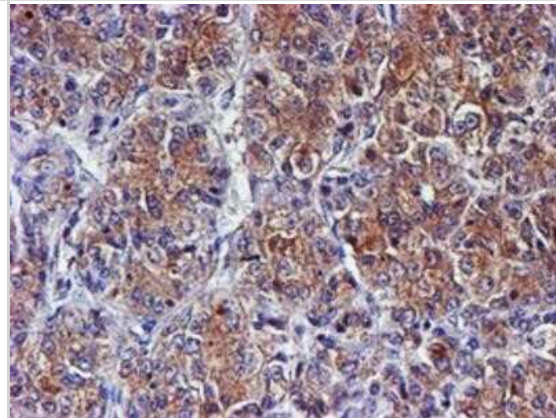
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Spermine synthase mouse monoclonal antibody.



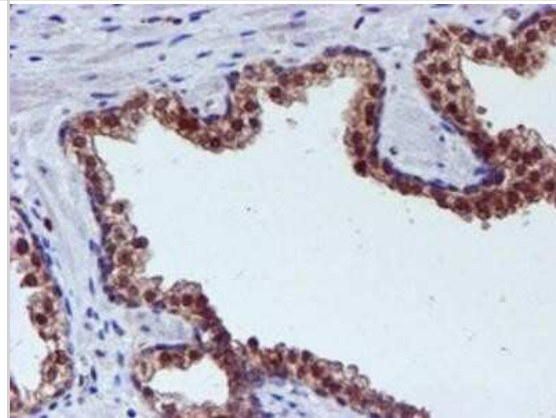
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Spermine synthase mouse monoclonal antibody.



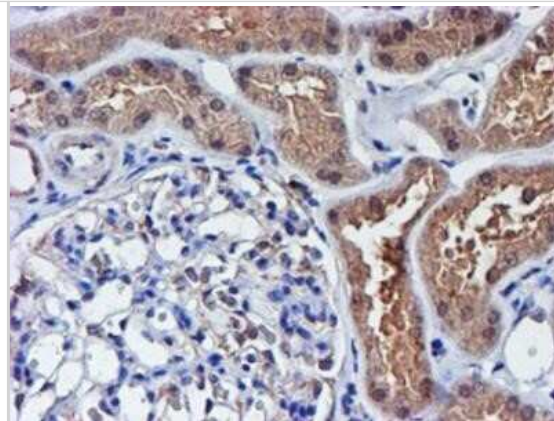
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Spermine synthase mouse monoclonal antibody.



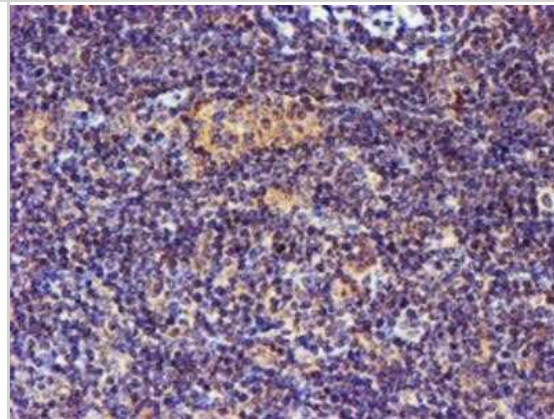
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-Spermine synthase mouse monoclonal antibody.



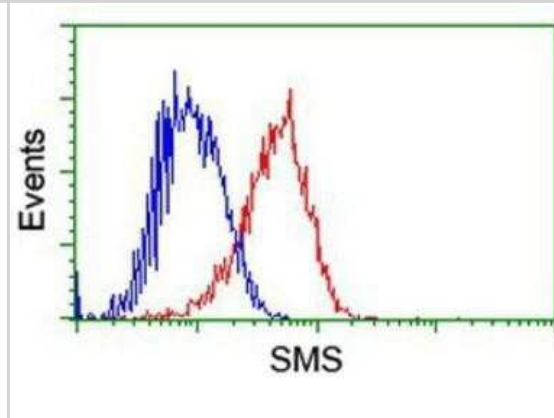
Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Human Kidney tissue using anti-Spermine synthase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Staining of paraffin-embedded Human Lymphoma tissue using anti-Spermine synthase mouse monoclonal antibody.



Flow Cytometry: Spermine synthase Antibody (OTI3C9) [NBP2-00900] - Analysis of Hela cells, using anti-Spermine synthase antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-00900**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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