

# Product Datasheet

## LMAN1 Antibody (OTI1A8) - Azide and BSA Free NBP2-71152

Unit Size: 100 ug

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

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Updated 10/23/2024 v.20.1

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**NBP2-71152**

LMAN1 Antibody (OT11A8) - Azide and BSA Free

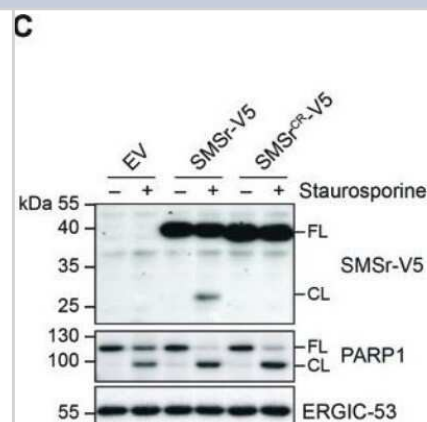
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11A8
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	54.2 kDa

Product Description	
Host	Mouse
Gene ID	3998
Gene Symbol	LMAN1
Species	Human, Mouse, Rat, Canine, Monkey, Primate
Reactivity Notes	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.
Immunogen	Full length human recombinant protein of human LMAN1 (NP_005561) produced in HEK293T cell.

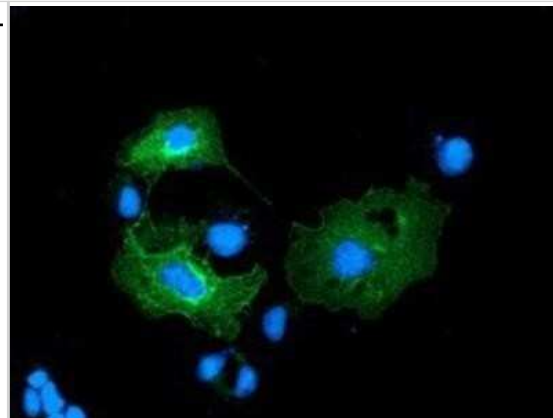
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:200-500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

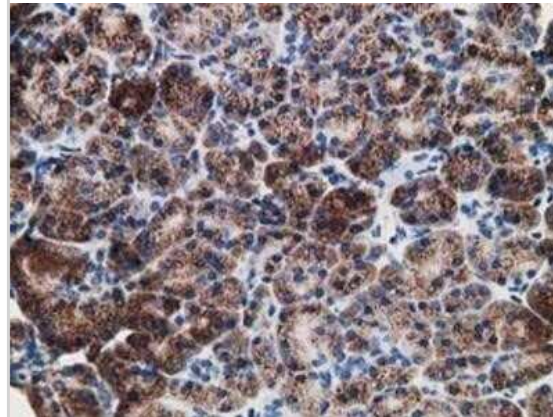
Western Blot: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staurosporine-induced cleavage of SMSr is sensitive to caspase-6 inhibitors. HeLa cells stably transduced with EV, SMSr-V5, and SMSrCR-V5 were treated with 1 ug/ml staurosporine for 6 h, lysed and subjected to immunoblot analysis using anti-V5, anti-PARP1



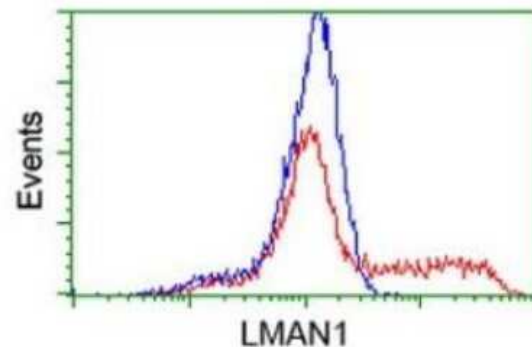
Immunocytochemistry/Immunofluorescence: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY LMAN1.



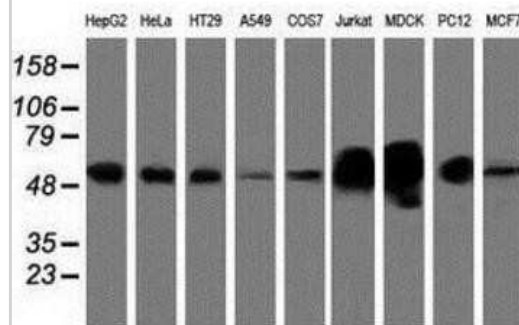
Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Human pancreas tissue using anti-LMAN1 mouse monoclonal antibody.



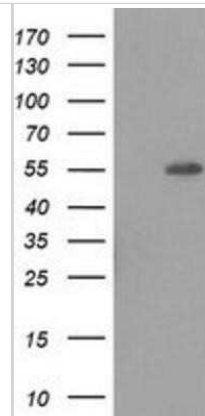
Flow Cytometry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - HEK293T cells transfected with either RC207088 overexpress plasmid (Red) or empty vector control plasmid (Blue) were stained by anti-LMAN1 antibody and then analyzed by flow cytometry.



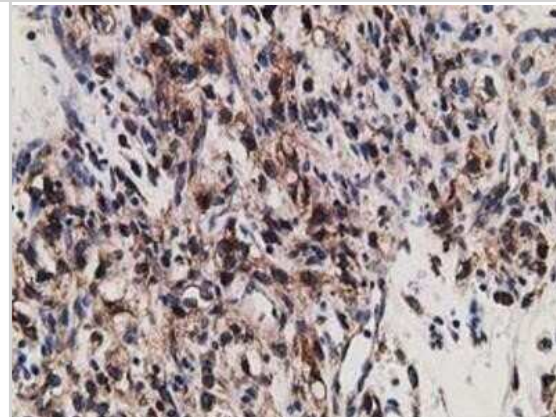
Western Blot: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Analysis of extracts (35ug) from 9 different cell lines by using anti-LMAN1 monoclonal antibody.



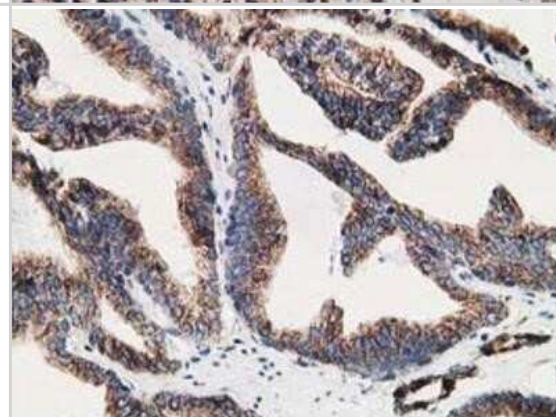
Western Blot: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LMAN1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LMAN1.



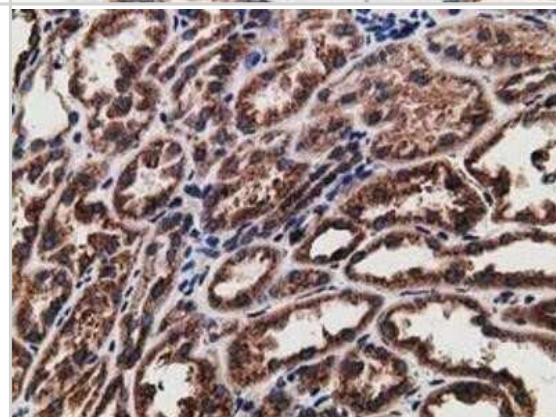
Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-LMAN1 mouse monoclonal antibody.



Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-LMAN1 mouse monoclonal antibody.

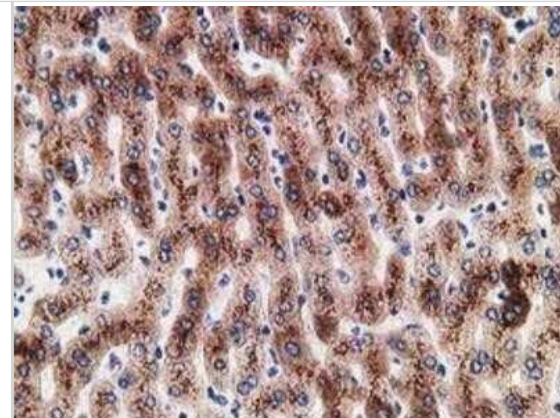


Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Human Kidney tissue using anti-LMAN1 mouse monoclonal antibody.

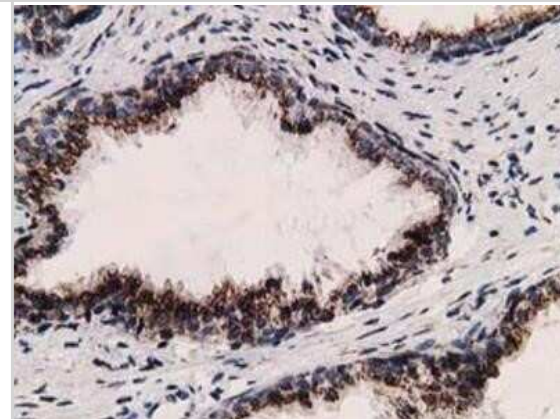




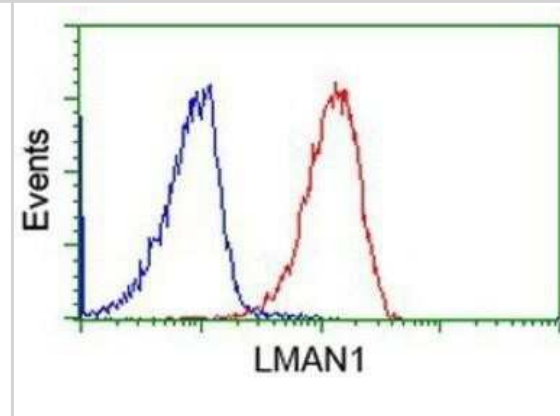
Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Human liver tissue using anti-LMAN1 mouse monoclonal antibody.



Immunohistochemistry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Staining of paraffin-embedded Human prostate tissue using anti-LMAN1 mouse monoclonal antibody.



Flow Cytometry: LMAN1 Antibody (OT11A8) - Azide and BSA Free [NBP2-71152] - Analysis of Jurkat cells, using anti-LMAN1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-71152**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-84812PEP	LMAN1 Recombinant Protein Antigen

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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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