Product Datasheet

LIM1 Antibody (OTI2D5)
NBP2-01926

Unit Size: 0.1 ml

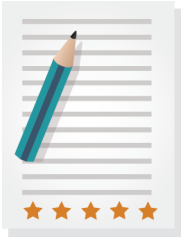
Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-01926

Updated 9/9/2025 v.20.1



NBP2-01926

LIM1 Antibody (OTI2D5)

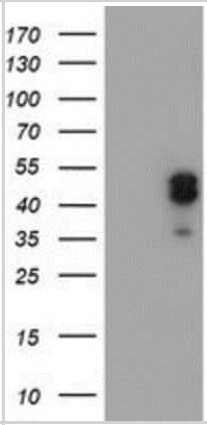
Product Information	
Unit Size	0.1 ml
Concentration	0.75 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2D5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	44.6 kDa

Product Description	
Description	Novus Biologicals Mouse LIM1 Antibody (OTI2D5) (NBP2-01926) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-LIM1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3975
Gene Symbol	LHX1
Species	Human, Mouse, Rat
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	Human recombinant protein fragment corresponding to amino acids 100-362 of human LHX1(NP_005559) produced in HEK293T cell.

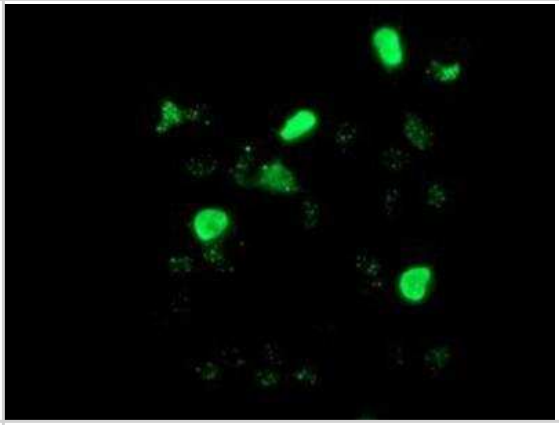
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

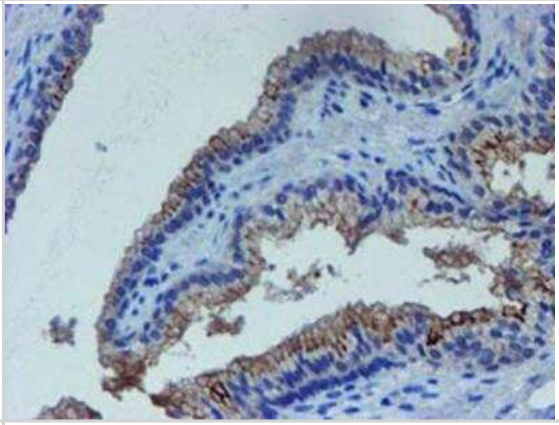
Western Blot: LIM1 Antibody (OTI2D5) [NBP2-01926] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LIM1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LIM1.



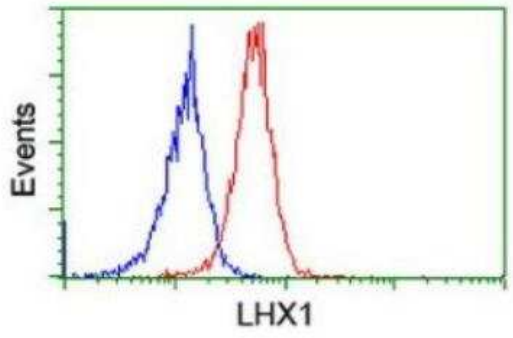
Immunocytochemistry/Immunofluorescence: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY LIM1.



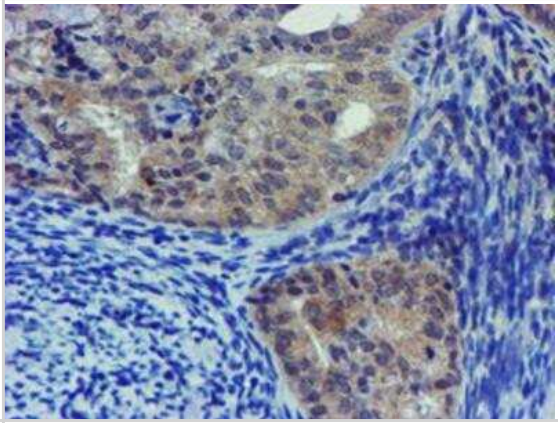
Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Human prostate tissue using anti-LIM1 mouse monoclonal antibody.



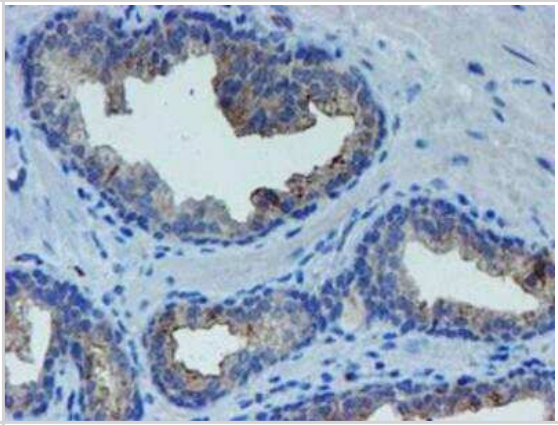
Flow Cytometry: LIM1 Antibody (OTI2D5) [NBP2-01926] - Analysis of Jurkat cells, using anti-LHX1 antibody (Red) compared to a nonspecific negative control antibody (Blue).



Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-LIM1 mouse monoclonal antibody.

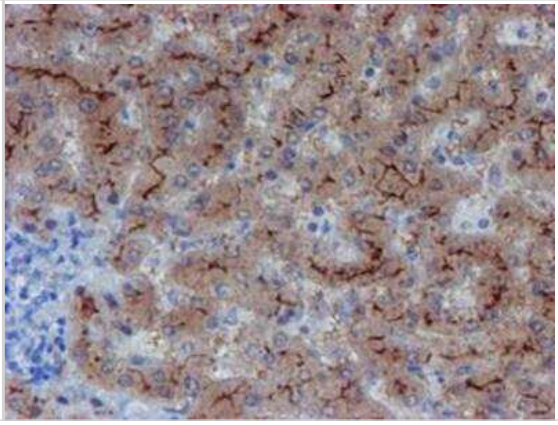


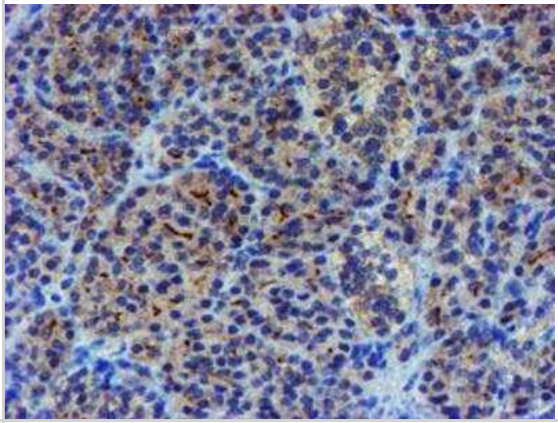
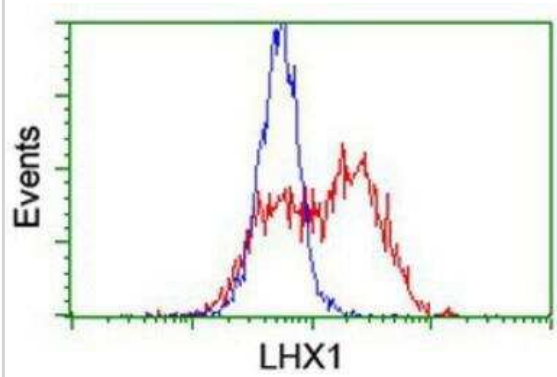
Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-LIM1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Human Kidney tissue using anti-LIM1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Human liver tissue using anti-LIM1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: LIM1 Antibody (OTI2D5) [NBP2-01926] - Staining of paraffin-embedded Human pancreas tissue using anti-LIM1 mouse monoclonal antibody.	
Flow Cytometry: LIM1 Antibody (OTI2D5) [NBP2-01926] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-LIM1 antibody, and then analyzed by flow cytometry.	

Publications

Rossbach B, Hariharan K, Mah N et al. Human iPSC-Derived Renal Cells Change Their Immunogenic Properties during Maturation: Implications for Regenerative Therapies Cells 2022-04-13 [PMID: 35456007] (ICC/IF, Human)

Reinke P and Kurtz A. Generating Multiple Kidney Progenitors and Cell Types from Human Pluripotent Stem Cells. Methods Mol Biol. 2019-01-01 [PMID: 30742266] (ICC/IF, Human)

Xia Y, Sancho-Martinez I, Nivet E et al. The generation of kidney organoids by differentiation of human pluripotent cells to ureteric bud progenitor-like cells. Nat Protoc. 2014-10-23 [PMID: 25340442]

Xia Y, Nivet E, Sancho-Martinez I et al. Directed differentiation of human pluripotent cells to ureteric bud kidney progenitor-like cells. Nat Cell Biol. 2013-11-17 [PMID: 24240476] (ICC/IF, Human)

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Products Related to NBP2-01926

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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